



## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

### **Pedigreed Property**

125 Laurens Avenue  
Hartsville, SC

### **Prepared for:**

City of Hartsville  
133 West Carolina Ave.  
Hartsville, SC 29551

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CES Job Number 15.107

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## **1.0 Executive Summary**

### **1.1 Subject Site Description**

Crawford Environmental Services, Inc. (CES) performed a Phase I Environmental Site Assessment (ESA) of the Pedigreed Property located at 125 Laurens Avenue, in Hartsville, Darlington County (the County), South Carolina (subject property). The subject property is comprised a single parcel encompassing a total of approximately 6.5 acres. According to the Darlington County Assessor's Office, the parcel is identified as Darlington County Tax Map number 056-10-02-020 and is owned by the Pedigreed Properties LLC.

The Phase I ESA included a site walkover, various interviews, and a review of historical and regulatory records. The objectives of this ESA were to evaluate the potential for the presence of major environmental liabilities at the site and to document that "due diligence" was exercised in attempting to discover any such impairment. This report details specific assessment objectives, methodologies, and findings. The information presented is based solely on information that became available during the period of study. The Phase I ESA is intended to generally conform with ASTM E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

### **1.2 De Minimis Conditions**

This assessment has revealed no evidence of De Minimis Conditions in connection with the subject property except for the following:

- Dark staining was observed on the interior concrete floor of Building 9, which is used for the storage of manufacturing/industrial equipment. The concrete floor appeared to be in good condition.

### **1.3 RECs**

This assessment has revealed no evidence of RECs in connection with the subject property except for the following:

- The subject property operated as the headquarters for Coker Pedigreed Seed since the early 1900's until approximately 1977. These operations included the development, experimentation, and storage of grains and seeds and the operation of a cotton gin which included an acid delinting process. Agricultural related operations typically included the bulk storage and mixing of agricultural chemicals including fertilizers, pesticides, and herbicides, etc. The delinting process, which removed lint from cotton seeds, utilized sulfuric acid as the primary compound but potentially also included Copper Sulfate, Mercuric Chloride, and Formaldehyde. A significant portion of the operational time period of the Coker Pedigreed Seed company preceded major environmental regulations and current waste management and disposal procedures. The

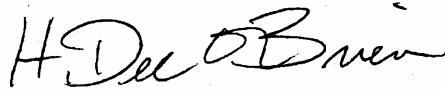
historical waste management practices and potential spills associated with the operations are unknown and may be a source of subsurface contamination. The historical use of the subject property as an agricultural related operation is considered a REC.

- The City of Hartsville's Public Works Department reports that municipal sanitary sewer services were not available to the subject property until approximately 1960. Coker Pedigreed Seed operated the subject property since the early 1900's until approximately 1977. Therefore, liquid waste disposal was probably accomplished through the discharge of onsite septic tank systems. Based upon usage of the subject property as an agricultural type business, the probable use of septic tank systems for liquid waste disposal is considered to be a REC.
- The 1946 and 1959 Sanborn Maps identify a gasoline UST in the northwestern section of the subject property. An inspection of this area of the subject property revealed the presence of a two-inch cap at the ground surface rusted onto a metal pipe vertically extending into the ground at the approximate location depicted on the Sanborn Maps. It is suspected that the UST as identified in the 1946 Sanborn Map may still be in place. The former operation of a gasoline UST on the subject property is considered to be a REC.
- A former Hess Station was located at 321 South 5<sup>th</sup> Street (Permit # 02802) which is located adjacent to the western boundary of the subject property and is included on the Leaking Underground Storage Tank (LUST) and Ground Water Contamination Inventory (GWCI) databases as identified by EDR. This property is currently occupied by McDonald's Auto Repair. Based upon its inclusion in these databases, the current occupant being an auto repair shop and its relative location to the subject property, the former Hess Station property is considered a REC.
- A former filling station was identified adjacent to the western property boundary of the subject property on the 1946 and 1959 Sanborn Maps. The former filling station with gasoline USTs was identified at the southeastern corner of Laurens Ave. and 5<sup>th</sup> Street. The historical use of USTs at the filling station for the storage and dispensing of petroleum products is a REC.
- A dry cleaner was identified adjacent to the western property boundary of the subject property on the 1946 and 1959 Sanborn Maps. Dry cleaning operations commonly involve the usage of general hazardous substances and/or petroleum products, which, if improperly managed and/or disposed of, can be a source of contamination. This time period identified by the Sanborn Maps preceded major environmental regulations and current waste management and disposal procedures. The historical waste management practices associated with the former dry cleaning operations are unknown and may be a source of subsurface contamination. The former dry cleaner operation adjacent to the subject property is considered a REC.

#### 1.4 HRECs

During the course for this assessment, no HRECs were identified.

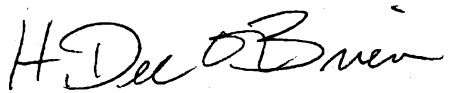
#### 1.5 EP Certification



Dee O'Brien  
Division Manager

**Certification:**

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



## **2.0 Introduction**

### **2.1 Purpose**

The purpose of this Phase I ESA was to assess the environmental contamination status of the subject property by identifying existing and potential "recognized environmental conditions," which are defined by the ASTM as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws." According to the ASTM, "[the] term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies." This assessment is based on a review of existing conditions, reported pre-existing conditions, and observed operations at the subject site and adjacent properties.

### **2.2 Scope of Work**

This assessment has been performed in accordance with CES's Proposal, as revised and dated January 10, 2012. Tasks performed by CES as a part of the ESA are described in the proposal.

### **2.3 Significant Assumptions**

The following significant assumptions were made during the conduct of this assessment.

- Groundwater flow and depth were obtained through information provided by topographic maps since no site-specific data was available.
- Previous uses were consistent with the owner names provided through the City Directories.

### **2.4 Limitations and Exceptions**

This report describes the results of CES's due diligence assessment to identify the presence of environmental liabilities materially affecting the subject facility and/or property. In the conduct of this due diligence evaluation, CES assessed the presence of such problems within the limits of the established scope of work as described in our letter proposal. It should be noted that CES was not allowed access to view the interior of Building 11 during the site reconnaissance. Thus no observations or conclusions can be made concerning the environmental conditions or the storage of hazardous materials in Building 11.

In the conduct of this due diligence investigation, CES has attempted to independently assess the presence of such problems within the limits of the established scope of work as described in our proposal. As with any due diligence evaluation, there is a certain

degree of dependence upon oral information provided by facility or site representatives which is not readily verifiable through visual observations or supported by any available written documentation. CES shall not be held responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed by facility or site representatives at the time this assessment was performed. In addition, the findings in the Report are subject to certain conditions and assumptions. The conditions and assumptions are noted in the Report, and any party reviewing the findings of the Report must carefully review and consider all such conditions and assumptions.

This report and all field data and notes were gathered and/or prepared by CES in accordance with the agreed upon scope of work and generally accepted engineering and scientific practice in effect at the time of CES's assessment of the subject site. The statements, conclusions, and opinions contained in this report are only intended to give approximations of the environmental conditions at the subject property.

The passage of time may result in changes in technology, economic conditions, site variations, or regulatory provisions, which would render the report inaccurate. Reliance on the report after the date of issuance as an accurate representation of current site conditions shall be at the user's sole risk.

## **2.5 Deviations**

Per the ASTM Standard, historical research is complete when either: 1) the objectives in Sections 8.3.1 through 8.3.2.2 are achieved; or 2) data failure is encountered. Specific data failures/data gaps encountered during the assessment are discussed, as appropriate, throughout this report. A list of the data failures and gaps is provided in Section 8.4 of this report.

## **2.6 Reliance**

This report is prepared pursuant to an agreement between the client and CES and is for the exclusive use of the client. No other party is entitled to rely on the conclusions, observations, specifications, or data contained herein without first obtaining CES's written consent and provided any such party signs a CES generated Reliance Letter. A third party's signing of the CES's Reliance Letter and CES's written consent are conditions precedent to any additional use or reliance on this report. This Phase I ESA was conducted for the City with funds from their EPA Brownfield Assessment grant.

## **3.0 Subject Site Description**

### **3.1 Location and Legal Description**

Crawford Environmental Services, Inc. (CES) performed a Phase I Environmental Site Assessment (ESA) of the Pedigreed Property located at 125 Laurens Avenue, in Hartsville, Darlington County (the County), South Carolina (subject property – Figure 1). The subject property is comprised of a single parcel encompassing a total of approximately 6.5 acres. According to the Darlington County Assessor's Office, the parcel is identified as Darlington County Tax Map number 056-10-02-020 and is owned by Pedigreed Properties LLC. The subject property is bordered to the north by Laurens

Avenue and commercial properties beyond, east by South 4<sup>th</sup> Street and residential properties beyond, west by commercial properties and to the south by Davis Street and commercial properties beyond.

### 3.2 Subject Site and Vicinity Description

The subject property and immediate vicinity include mixed development including commercial and residential properties.

### 3.3 Current Use of Property

The subject property currently includes 14 warehouse buildings used primarily for storage. The subject property is comprised of a single parcel owned by Pedigreed Properties LLC.

### 3.4 Description of Structures and Other Improvements

The subject property consists of a single parcel (056-10-02-020) encompassing approximately 6.5 acres owned by Pedigreed Properties LLC (Figure 2). The subject property is improved with 14 warehouse buildings used primarily for storage. On February 26, 2011, CES representative Dee O'Brien viewed the subject property. Mr. O'Brien was not accompanied by a representative of the property owner, but Mr. Goz Segars, representing Pedigreed Properties LLC, provided information concerning the subject property during the interview process. Mr. Segars has been associated with the subject property since 1989. Observations and historic information concerning the onsite buildings are provided in the table below. The building numbers in the table below correspond with the numbered buildings on Figure 2. As discussed in Section 2.4, Mr. O'Brien was not granted access to Building 11, thus no observations or conclusions could be made regarding the contents or conditions of the interior of Building 11.

Building Number	Construction Materials	Approximate Size	Comments
1	Metal walls and roof w/concrete floor	10,000 sq ft	Cotton storage – SP Coker Gin
2	Metal walls and roof w/concrete floor	10,000 sq ft	Cotton storage – SP Coker Gin
3	Metal walls and roof w/concrete floor	10,000 sq ft	Storage of furniture, equipment, and boxed files for Hilex Poly Co.
4	Metal walls and roof w/concrete	10,000 sq ft	Cotton storage– SP Coker Gin

	floor		
5	Metal walls and roof w/concrete floor	5000 sq ft	Wood debris storage
6	Metal walls and roof w/concrete floor w/floor drains	10,000 sq ft	Promotional items for Tobaccoville, USA, Inc.
7	Metal walls and roof w/concrete floor	15,000 sq ft	empty
8	Metal walls and roof w/concrete floor	4,800 sq ft	Storage of molded wood plugs in boxes
9	Metal walls and roof w/concrete floor	6,000 sq ft	Industrial and manufacturing equipment – floor stained
10	Metal walls and roof w/concrete floor	11,000 sq ft	Strike Zone indoor batting practice
11	Metal walls and roof w/concrete floor	2,600 sq ft	Unknown – access to building was not provided
12	Metal walls and roof w/concrete floor	15,000 sq ft	Empty except for storage of two boats on trailers
13	Metal walls and roof w/concrete floor	10,000 sq ft	manufacturing equipment storage for Georgia Pacific
14	Metal walls and roof w/concrete floor	10,000 sq ft	manufacturing equipment storage for Georgia Pacific

### 3.5 Adjacent Site Information

The following table provides a description of the properties adjacent to the boundaries of the subject property. As previously noted the directions are based upon plant designations and not true directional orientation.

Direction From Site	Occupant	Use	Comments
North	Laurens Ave. and Fairfield Inn	commercial	hotel
South	Davis Street and Darlington County Health Department	office building	
East	South 4 <sup>th</sup> Street and residential properties	residential	
West	Various retail stores and an auto repair shop	commercial	Auto repair shop located at former Hess site

## 4.0 User Provided Information

Section 6 of the ASTM Standard states that certain tasks, which will help to determine the possibility of RECs associated with the subject property, are generally conducted by the ESA report user. This includes the following: reviewing title records for environmental liens or activity and land use limitations and considering awareness of any specialized knowledge (e.g., information about previous ownership or environmental litigation), experience related to RECs at the subject property, or significant reduction in the purchase price of the site. Per the agreed scope-of-work, information related to these items should be provided by the ESA report user to CES. To assist the user in gathering information that may be material to identifying RECs, CES has provided the user with the User Questionnaire from the ASTM Standard. Responses to the questionnaire are provided, as appropriate, throughout the report. CES contacted Mr. Goz Segars and obtained information on the following areas.

### 4.1 Specialized Knowledge

The user (Mr. Segars) does have specialized knowledge pertaining to the subject property and related on-site operations, but he was not aware of property valuation reduction issues for the subject property.

### 4.2 Environmental Liens and Activity/Use Limitations

Per the agreed upon scope of work, an environmental lien search report was requested from Environmental Data Resources (EDR). The lien search was conducted for the single parcel totaling a single parcel encompassing approximately 6.7 acres. According to the Darlington County Assessor's Office, the parcel is identified as Darlington County Tax Map number 056-10-02-020 and is owned by the Pedigreed Properties LLC. According to the lien search report, there are currently no environmental liens recorded on the parcel reviewed for the subject property. A copy of the Environmental Lien Report is provided in Appendix B.

### **4.3 Valuation Reduction for Environmental Issues**

The user was not aware of property valuation reduction issues for the subject property.

### **4.4 Reason for Performing Phase I**

CES performed the Phase I upon the request of the City of Hartsville.

## **5.0 Records Review**

### **5.1 Standard Environmental Records Sources**

Standard environmental record sources are defined in Section 8.2.1 of the ASTM standard. These records consist of selected federal and state environmental databases. ASTM also specifies the appropriate search distances from the subject property for which these records should be reviewed. CES retained the services of EDR of Milford, Connecticut to provide specified state and federal regulatory list information for potential sites of environmental concern located at or in the vicinity of the subject property. EDR maintains a computerized Geographic Information System (GIS) listing of various state and federal databases in accordance with the ASTM standard. The database search was based upon ASTM-specified standard record sources. Additionally, databases searched by EDR satisfy records review requirements of the *all appropriate inquiry* rule. EDR includes these databases, when available, as a part of its report.

The EDR report includes various reports detailing database information for each of the facilities identified/geocoded within the specified radius. Additional sites with recognized environmental risks were identified, but were unable to be mapped to specific locations due to insufficient/contradicting address information. These sites were included in EDR's report as "orphan" sites. The specific databases and ASTM-specified search radii distances reviewed are identified in the EDR report provided for review in Appendix C.

The subject property was not included in any of the environmental databases searched and reported by EDR. The nearby off-site properties identified from environmental databases as reported by EDR do not appear to pose an immediate threat to the subject property due to the nature of the sites, their distance from the subject property, or their relative elevation as compared to the subject property except for the former Hess Station located at 321 South 5<sup>th</sup> Street. The former Hess Station (Permit # 02802) is located adjacent to the western boundary of the subject property and is included on the Leaking Underground Storage Tank (LUST) and Ground Water Contamination Inventory (GWCI) databases (Figure 2). Based upon its inclusion in these databases as identified by EDR and its relative location to the subject property, the former Hess Station is considered a REC.

### **5.2 Additional Environmental Record Sources**

Per Section 8.2.2 of the ASTM standard, local, and/or additional state or tribal sources of environmental records shall be reviewed to enhance and supplement the ASTM-required federal and provincial records reviewed and discussed in Section 4.1 of this report. These additional records/sources may include local records such as: lists of waste disposal sites; brownfields sites; lists of hazardous waste/contaminated sites; lists of

registered storage tanks; local land records (for activity and use limitations); records of emergency release reports; and records of contaminated public wells. Local sources that may be contacted to obtain this information include: Department of Health/Environmental Division; Fire Department; Planning Department; Building Permit/Inspection Department; Local/Regional Pollution Control Agency, Local/Regional Water Quality Agency, and Local Electric Utility Companies (for records relating to PCBs).

The subject property was not located on or within 1.0 mile of tribal lands. As a result, tribal records were not independently researched by CES as a part of this assessment.

Per the ASTM Standard, approximate minimum search distances for additional records sources should not be less than those specified for standard records sources, but can be adjusted at the discretion of the environmental professional. Based on CES's observations during the site visit and information provided in the ERIS report, while some potential environmental concerns were identified associated with the surrounding properties; it is CES's opinion that additional information regarding these sites (other than what was discussed in the EDR report) would not be readily available and reviewable within the project time frame. As such, additional federal, state and local records not included within the EDR report were reviewed for the subject property only. A table documenting the departments contacted to request environmental information relative to the subject property is included in Section 9. These inquiries may have been made in the form of telephone interviews.

### **5.3 Physical Setting Sources**

The physical conditions of the subject property, including geology, topography, and hydrological characteristics, are described in this section.

#### **5.3.1 Topography**

The subject property is located within the city limits of Hartsville, Darlington County, South Carolina. Based on the EDR Geocheck Report information, the subject property is located at an elevation of approximately 214 feet above mean sea level. The surface topography of the subject property and immediately surrounding area exhibits very low relief but does appear to have slight slope to the northeast.

#### **5.3.2 Surface Water Bodies**

No naturally occurring surface water features were noted on-site. The nearest surface water body is an intermittent tributary to Snake Branch located approximately 1000 feet east of the subject property.

#### **5.3.3 Geology and Hydrology**

According to "Geology of the Carolinas" (J. Wright Horton, Jr. and Victor A. Zullo – 1981), the subject property is located within the Upper Coastal Plain Physiographic Province of South Carolina. The Coastal Plain is composed of a southeasterly dipping wedge of sedimentary units, which thicken from a thin veneer at the Fall Line to a maximum thickness along the coast. The sedimentary sequence is comprised of

consolidated and unconsolidated material of clastic and carbonate composition laid down during various marine transgressions during the Cretaceous-Tertiary periods. The subject property is underlain by approximately 650 feet of sedimentary deposits which are underlain by bedrock composed of crystalline igneous and metamorphic rock. Specifically, the area of the site reportedly is underlain by the Black Creek Formation (Upper Cretaceous), which consists of upper delta plain sediments. According to the U.S. Department of Agriculture (USDA) Soil Conservation Service information, local soil matrices consist of the Noboco series. These soils typically consist of loamy fine sands, which are well drained with moderate infiltration rates grading into silty to clayey loams with poor infiltration rates. Site specific subsurface geologic information as pertaining to the subject property was not available for review; however groundwater is expected to occur within 20 feet of ground surface under water table conditions.

## 5.4 Historical Use

### 5.4.1 Historical Summary

According to CES's research of available historic information and interviews with site contacts, the subject property was formerly operated as the headquarters for Coker Pedigreed Seed since approximately 1902. These operations included the development, experimentation, processing, and storage of grains and seeds. He also reported that a cotton gin operated at the subject property which included an acid delinting process removing lint from the cotton seed. Coker Pedigreed Seeds ceased operations in 1977. Pedigreed Properties LLC purchased the subject property in 1989 and has operated it primarily as a storage facility.

Date	Source	Subject Site Comments	Adjacent Site Comments
1915	Sanborn Map	The northern section of the subject property is shown on the map and is identified as Pedigreed Seed Co. and J.L. Coker & Co. Cotton Gin. The Pedigreed Seed Co. section includes one building marked for seed cleaning machinery and the Coker Cotton Gin section includes the gin and an apparent storage building.	Usage of surrounding properties is not depicted in the map.
1924	Sanborn Map	The northern section of the subject property is shown on the map and is identified as Coker Pedigreed Seed Co. The Coker Pedigreed Seed Co. includes one large unmarked building, a cotton gin, an apparent storage building, and two seed warehouses.	Usage of surrounding properties is not depicted in the map.

1928	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. warehouse at 1211 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.
1940	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. warehouse and gin at 1211 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.
1946	Sanborn Map	The subject property is shown on the map and is identified as Coker Pedigreed Seed Co. which includes three seed warehouses, two structures associated with the ginny, and two cotton warehouses. The map also shows a gasoline UST between the two seed warehouses in the northern section of the subject property along Laurens Ave.	Properties to the east are shown as residences and the property to the south as agriculture fields. To the north is Laurens Ave. with private residences beyond and then further north an area of oil tanks. Two properties adjacent to the western property boundary of the subject property are a concern. A "filling station" with gasoline USTs is identified at the southeastern corner of Laurens Ave. and 5 <sup>th</sup> Street and a drycleaner is depicted on 5 <sup>th</sup> Street adjacent to the subject property.
1949	Aerial Map	The aerial depicts the subject property as being developed with nine rectangular shaped buildings on-site similar in size and location to those depicted in the Sanborn Map.	Properties to the east appear as residences and the property to the south as agriculture fields. To the north is Laurens Ave. with private residences beyond and then further north an area of ASTs. Commercial type buildings are present on the properties to the west.
1949	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. warehouse and gin at 1211 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.

1956	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. warehouse and experimental department at 1211 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.
1957	Aerial Map	The aerial depicts the subject property as being developed with ten buildings on-site similar in size and location to those depicted in the Sanborn Map.	Properties to the east appear as residences and to the south is Davis Street with apparent commercial properties beyond. To the north is Laurens Ave. with commercial/industrial development including multiple ASTs. Commercial type buildings are present on the properties to the west.
1959	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. at 1211 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.
1959	Sanborn Map	The subject property is shown on the map and is identified as Coker Pedigreed Seed Co. which includes six seed warehouses, a ginnery building, and two cotton warehouses. A grain elevator is also shown adjacent to a seed warehouse in the southwestern section of the subject property. The map also shows a gasoline UST between the two seed warehouses in the northern section of the subject property along Laurens Ave.	Properties to the east are shown as residences while the usage of the property to the south is not identified. To the north is Laurens Ave. with an apparent cotton seed oil operation including multiple ASTs beyond. Three properties of concern are present along the western subject property boundary including a filling station, an auto repair business, and a drycleaner.
1965	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. at 1211 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.

1968	Topographic Map	The Hartsville North Topographic Map does not show any details as the location of the subject property is shaded indicating urban development. The only identifiable feature is a railroad spur.	The surrounding properties are shaded on the topographic map depicting urban development.
1969	Aerial Map	The aerial depicts the subject property as being developed with approximately twelve buildings, seven grain silos and a grain elevator on-site, similar in size and location to those depicted in the Sanborn Map.	Properties to the east appear as residences and to the south is Davis Street with apparent commercial properties beyond. To the north is Laurens Ave. with commercial/industrial development including multiple ASTs. Commercial type buildings are present on the properties to the west.
1975	Aerial Map	The aerial depicts the subject property as being developed with multiple buildings of various sizes, however due to the scale of the photograph, details are difficult to discern.	The scale of the photograph makes it difficult to discern details of the surrounding properties, but it appears that the properties to the north, south, and west are developed commercially while the properties to the east are residential.
1976	City Directory	The subject property's address of 125 Laurens Ave. is not listed in the City Directory, however there is a listing for Coker Pedigreed Seed Co. warehouse and experimental department at 121 Laurens Ave.	Surrounding properties as listed do not appear to present a concern.
1978	City Directory	The subject property's address is not listed in the City Directory researched and there is no apparent listing for Coker Pedigreed Seed Co.	Surrounding properties as listed do not appear to present a concern.
1982	Aerial Map	The aerial depicts the subject property as being developed with multiple buildings of various sizes, however due to the scale of the photograph, details are difficult to discern.	The scale of the photograph makes it difficult to discern details of the surrounding properties, but it appears that the properties to the north, south, and west are developed commercially while the properties to the east are residential.

1988	City Directory	The subject property's address is not listed in the City Directory researched and there is no apparent listing for Coker Pedigreed Seed Co.	Surrounding properties as listed do not appear to present a concern.
1994	Aerial Map	The aerial depicts the subject property as being developed with 13 buildings of various sizes. The grain silos no longer appear to be present as in previous photos. The buildings shown in the 1994 photo correspond those currently onsite except that buildings 1 and 2 are not present.	The property to the north beyond Laurens Ave. has been cleared, while the properties to the south, and west are developed commercially and the properties to the east remain residential.
1996	City Directory	The subject property's address is not listed in the City Directory researched and there is no apparent listing for Coker Pedigreed Seed Co.	Surrounding properties as listed do not appear to present a concern.
1999	Aerial Map	The quality of the photo makes it difficult to discern, but the aerial depicts the subject property as being developed with 13 buildings of various sizes corresponding to those currently onsite including the addition of buildings 1 and 2.	The property to the north beyond Laurens Ave. has been developed with a large building, while the properties to the south and west are developed commercially and the properties to the east remain residential.
2000	Aerial Map	The quality of the photo makes it difficult to discern, but the aerial depicts the subject property as being developed with 13 buildings of various sizes corresponding to those currently onsite including the addition of buildings 1 and 2.	The property to the north beyond Laurens Ave. has been developed with a large building, while the properties to the south, and west are developed commercially and the properties to the east remain residential.
2005	Aerial Map	The aerial depicts the subject property as being developed with 14 buildings of various sizes corresponding to those currently onsite.	The property to the north beyond Laurens Ave. has been developed with a large building, while the properties to the south and west are developed commercially and the properties to the east remain residential.
2010	City Directory	Tobaccoville USA, Inc. (one of the tenants at the subject property) is listed at the	Surrounding properties as listed do not appear to present a concern.

		subject property's address of 125 Laurens Ave.	
--	--	---	--

### **5.4.2 Other Environmental Reports**

Prior reports were not provided to CES by the User during the course of this assessment.

### **5.4.3 Building Department Records**

Due to the ages of the on-site buildings, no building permits were readily available. According to information obtained from the City of Hartsville Planning and Zoning Department, the subject property is zoned as B-3. The B-3 zone is designed to accommodate a variety of general business/commercial and residential uses.

### **5.4.4 Other Land Use Records**

No other land use records were available during this assessment.

## **6.0 Site Reconnaissance**

### **6.1 Subject Site Setting**

The subject property consists of a single parcel. The parcel (056-10-02-020) is owned by Pedigreed Properties LLC and is comprised of 6.7 acres with 14 warehouse buildings (Figure 2). The buildings' locations are depicted on the Site Map as Figure 2. On February 24, 2012, CES representative Dee O'Brien conducted a site reconnaissance of the subject property. Mr. Goz Segars, representative of Pedigreed Properties LLC, while not present during the site reconnaissance, provided information concerning the subject property and its history during the interview process.

The subject property was observed to be improved with 14 buildings during the site reconnaissance. The buildings present at the subject property were observed to be used as warehouses. The warehouse buildings are generally constructed with metal walls and roofs with concrete slab floors. The buildings were observed to be of varying stages of condition and of various ages. Further information, including size, age, construction, and usage of the buildings is included in Section 3.4 of this report. The remainder of the subject property was composed of both paved and unpaved driveways, parking areas or covered in grass or other vegetative cover.

### **6.2 Subject Site Visit Findings**

#### **6.2.1 Hazardous Substances**

Hazardous materials were not observed being used or stored at the subject property.

### **6.2.2 Petroleum Products**

Petroleum products storage was not observed on-site.

### **6.2.3 USTs**

The subject property was not included in the SCDHEC UST database and Mr. Segars indicated that he was not aware of USTs ever being located on the subject property. However, the 1946 and 1959 Sanborn Maps identified a gasoline UST in the northwestern section of the subject property (Figure 2). An inspection of this area of the subject property revealed the presence of a two-inch cap at the ground surface rusted onto a metal pipe vertically extending into the ground at the approximate location of the former gasoline UST. It is suspected that the UST as identified in the 1946 Sanborn Map is still in place. The former operation of a gasoline UST on the subject property is considered to be a REC.

### **6.2.4 ASTs**

Above ground storage tanks (AST) were not observed or reported by the site contacts at the subject property.

### **6.2.5 Other Suspect Containers**

Suspect containers were not observed at the subject property.

### **6.2.6 Equipment Likely to Contain PCBs**

For informational purposes, PCB-containing dielectric fluids have been widely used as coolants and lubricants in transformers, capacitors, and other electric equipment due to their insulating and nonflammable properties. Based on the age of the buildings, there is the potential for certain materials, if used at the subject property, to contain PCBs.

#### **Transformers**

Six pole-mounted transformers and one pad-mounted transformer were observed at the subject property at the locations shown on Figure 2. The transformers appeared to be in good condition with no evidence of leakage or staining.

### **6.2.7 Interior Staining/Corrosion**

At the time of CES's site visit, there were 14 warehouse buildings observed onsite. Information pertaining to the individual buildings is included in Section 3.4. Suspect stains were observed on the concrete floor in the interior of Building 9 which is used for industrial equipment storage.

### **6.2.8 Discharge Features**

The facility does not generate process wastewater at this time. According to the site contact, only bathroom wastewater is generated which is discharged to the City of Hartsville's sanitary sewer system. Floor drains were observed in Building 6, which the site contact reports drains to the sanitary sewer. The site contact was not aware of the presence or location of any former septic tanks at the subject property. Mr. Mark Munn with the Hartsville Office of the Darlington County Environmental Health Department was interviewed in regard to the presence of septic tanks at the subject property. Mr. Munn indicated that according to their records, which date back approximately 15 years, there have been no septic tank permits issued or applications submitted for the subject property. According to Mr. James Clemmons, Public Works Director with the City of Hartsville, sanitary sewer has been available to the area of the subject property since approximately 1960. Storm water that does not enter the municipal system, either drains via sheet flow off-site or infiltrates into the ground.

### **6.2.9 Pits, Ponds, And Lagoons**

No pits, ponds, or lagoons were observed during the site visit to be located on the subject property.

### **6.2.10 Solid Waste Dumping/Landfills**

At the time of CES's site visit and based on information supplied by the site contacts, there does not appear to have been dumping or land filling of solid waste conducted on-site. Two solid waste dumpsters were observed onsite containing typical inert type solid waste (paper, wood, cardboard, metal debris, etc.). Mr Segars reports that the waste collected in the dumpsters is transported and disposed of by the City of Hartsville.

### **6.2.11 Stained Soil/Stressed Vegetation**

At the time of CES's site visit no stained soil or stressed vegetation was observed

### **6.2.12 Wells**

Mr. Segars reported no knowledge of irrigation, potable water, or monitoring wells at the subject property. However a groundwater monitoring well was observed in the northwestern section of the subject property near Building 5. The well did contain a well tag which would have indicated ownership and the date of installation. The purpose of the monitoring well is unclear at this time but it is suspected that the well is associated with the UST release from the former Hess Station.

## **7.0 Interviews**

### **7.1 Interviews with Property Owners**

The subject property is comprised of one parcel (057-06-03-008) owned by Pedigreed Properties LLC. Mr. Goz Segars, representative of Pedigreed Properties LLC, was interviewed during the ESA activities. Information obtained during the interview process has been incorporated as appropriate throughout the report.

## **7.2 Interviews with Property Manager/Occupant**

CES interviewed Mr. Goz Segars, representative of Pedigreed Properties LLC, as the site contact. Mr. Segars has been associated with the subject property since 1989. Mr. Segars reported the subject property was formerly operated as the headquarters for Coker Pedigreed Seed since 1902. These operations included the development, experimentation, and storage of grains and seeds. He also reported that a cotton gin operated at the subject property which included an acid delinting process removing lint from the cotton seed. Coker Pedigreed Seeds ceased operations in 1977. Pedigreed Properties LLC purchased the subject property in 1989 and has operated it primarily as a storage facility.

## **7.3 Interviews with Local Government Agencies**

Mr. Mark Munn with the Hartsville Office of the Darlington County Environmental Health Department was interviewed in regard to the presence of septic tanks at the subject property. Mr. Munn indicated that according to their records, which date back approximately 15 years, there have been no septic tank permits issued or applications submitted for the subject property. According to Mr. James Clemmons, Public Works Director with the City of Hartsville, sanitary sewer has been available to the area of the subject property since approximately 1960. CES contacted the City of Hartsville Fire Department and according to Ms. Barbara Byrd, there have been no emergency responses to fires or hazardous materials spills associated with the subject property.

## **8.0 Findings and Conclusions**

CES performed a Phase I ESA in general accordance with the scope and limitations of ASTM Practice E 1527-05 of the former Pedigreed Property property located at 904 4th Street, in Hartsville, Darlington County, South Carolina. The investigation boundary of the aforementioned property is described in Section 3.0 of this report. This report details specific assessment objectives, methodologies, and findings. The information presented is based solely on information available during the period of study. Any exceptions to, or deletions from, this practice are described in Section 9.0 of this report. This assessment has revealed the following findings and conclusions associated with the subject property.

### **8.1 De Minimis Conditions**

This assessment has revealed no evidence of De Minimis Conditions in connection with the subject property except for the following:

- Dark staining was observed on the interior concrete floor of Building 9, which is used for the storage of manufacturing/industrial equipment. The concrete floor appeared to be in good condition.

## 8.2 RECs

This assessment has revealed no evidence of RECs in connection with the subject property except for the following:

- The subject property operated as the headquarters for Coker Pedigreed Seed since the early 1900's until approximately 1977. These operations included the development, experimentation, and storage of grains and seeds and the operation of a cotton gin which included an acid delinting process. Agricultural related operations typically included the bulk storage and mixing of agricultural chemicals including fertilizers, pesticides, and herbicides, etc. The delinting process, which removed lint from cotton seeds, utilized sulfuric acid as the primary compound but potentially also included Copper Sulfate, Mercuric Chloride, and Formaldehyde. A significant portion of the operational time period of the Coker Pedigreed Seed company preceded major environmental regulations and current waste management and disposal procedures. The historical waste management practices and potential spills associated with the operations are unknown and may be a source of subsurface contamination. The historical use of the subject property as an agricultural related operation is considered a REC.
- The City of Hartsville's Public Works Department reports that municipal sanitary sewer services were not available to the subject property until approximately 1960. Coker Pedigreed Seed operated the subject property since the early 1900's until approximately 1977. Therefore, liquid waste disposal was probably accomplished through the discharge of onsite septic tank systems. Based upon usage of the subject property as an agricultural type business, the probable use of septic tank systems for liquid waste disposal is considered to a REC.
- The 1946 and 1959 Sanborn Maps identify a gasoline UST in the northwestern section of the subject property. An inspection of this area of the subject property revealed the presence of a two-inch cap at the ground surface rusted onto a metal pipe vertically extending into the ground at the approximate location depicted on the Sanborn Maps. It is suspected that the UST as identified in the 1946 Sanborn Map may still be in place. The former operation of a gasoline UST on the subject property is considered to be a REC.
- A former Hess Station was located at 321 South 5<sup>th</sup> Street (Permit # 02802) which is located adjacent to the western boundary of the subject property and is included on the Leaking Underground Storage Tank (LUST) and Ground Water Contamination Inventory (GWCI) databases as identified by EDR. This property is currently occupied by McDonald's Auto Repair. Based upon its inclusion in these databases, the current occupant being an auto repair shop and its relative location to the subject property, the former Hess Station property is considered a REC.
- A former filling station was identified adjacent to the western property boundary of the subject property on the 1946 and 1959 Sanborn Maps. The former filling station with gasoline USTs was identified at the southeastern corner of Laurens

Ave. and 5<sup>th</sup> Street. The historical use of USTs at the filling station for the storage and dispensing of petroleum products is a REC.

- A dry cleaner was identified adjacent to the western property boundary of the subject property on the 1946 and 1959 Sanborn Maps. Dry cleaning operations commonly involve the usage of general hazardous substances and/or petroleum products, which, if improperly managed and/or disposed of, can be a source of contamination. This time period identified by the Sanborn Maps preceded major environmental regulations and current waste management and disposal procedures. The historical waste management practices associated with the former dry cleaning operations are unknown and may be a source of subsurface contamination. The former dry cleaner operation adjacent to the subject property is considered a REC.

### **8.3 HRECs**

During the course for this assessment, no HRECs were identified.

### **8.4 Data Gaps**

The following limitations and data gaps were encountered or identified with respect to the subject property:

- Per ASTM, all obvious uses of the subject property must be determined from the present back to the property's first obvious developed use, or back to 1940, whichever is earlier. The earliest available historical source is a 1949 aerial photograph which depicts the subject property as developed with a rectangular shaped building used as a barn. Therefore, the requirement to determine all obvious uses of the property from the present back to the property's first obvious developed use, or back to 1940, whichever is earlier, could not be achieved. As such data failure occurred. This data failure is considered significant.
- The City reported that their municipal sewer system was installed in the area of the subject property in approximately 1960; however, no records were maintained by the City of Hartsville to document the sewer system's presence or the registration of septic systems in the County or City during this time period. This data failure is considered significant.
- Time interval gaps of greater than five years were encountered for aerial photographs, topographic maps, and city directories provided for CES's review. However, CES does not consider this data gap to be significant as all sources reviewed appear to depict a consistent history of the subject property and gave no evidence of other significant uses.

## **9.0 References**

### **9.1 Persons Interviewed**

- Byrd, Barbara, Fire Department Chief, Hartsville Fire Department, 111 South Seventh Street, Hartsville, South Carolina, (843) 383-3000. Information regarding emergency responses at the subject property.
- Clemons, James, Assistant Public Works Director, City of Hartsville, 133 West Carolina Ave., Hartsville, South Carolina, (843) 383-3006. Information regarding the subject property.
- Kelley, Brenda, Planning and Zoning Coordinator, City of Hartsville, 133 West Carolina Ave., Hartsville, South Carolina, (843) 383-3006. Information regarding the subject property.
- Munn, Mark, Environmental Manager, Darlington County Environmental Health Department, 130 Camden Ave., Hartsville, South Carolina, (843) 332-7303. Information regarding the septic tanks at the subject property.
- Records Custodian, Darlington County Assessor's Office, 1 Public Square, Room 309, Darlington, South Carolina, (843) 3987-4180. Information regarding the subject property.
- Segars, Goz, Pedigreed Properties, LLC, 2586 Kellytown Rd., Hartsville, South Carolina, (843) 332-2537. Information regarding the subject property.

### **9.2 Reports and Documents Reviewed**

- Aerial photographs dated 1961, 1964, 1972, 1978, 1983, 1989, 1994, 1999, 2005, and 2006 provided by Environmental Data Resources, 440 Wheelers Farms Road, Milford, CT 06461, (800) 352-0050.
- Aerial photographs dated 1949, 1957, 1969, 1975, and 1982 reviewed at the University of South Carolina Map Library, Columbia, South Carolina.
- Environmental Data Resources, Inc., The EDR-Radius Map with GeoCheck Report, Former Pedigreed Property, 904 4th Street, Hartsville, SC dated January 23, 2012. Inquiry number 3244029.13s. Provided by EDR, 440 Wheelers Farms Road, Milford, CT 06461, (800) 352-0050.
- Environmental Data Resources, Inc., The EDR-City Directory Abstract, Former Pedigreed Property, 904 4th Street, Hartsville, SC dated January 27, 2012.

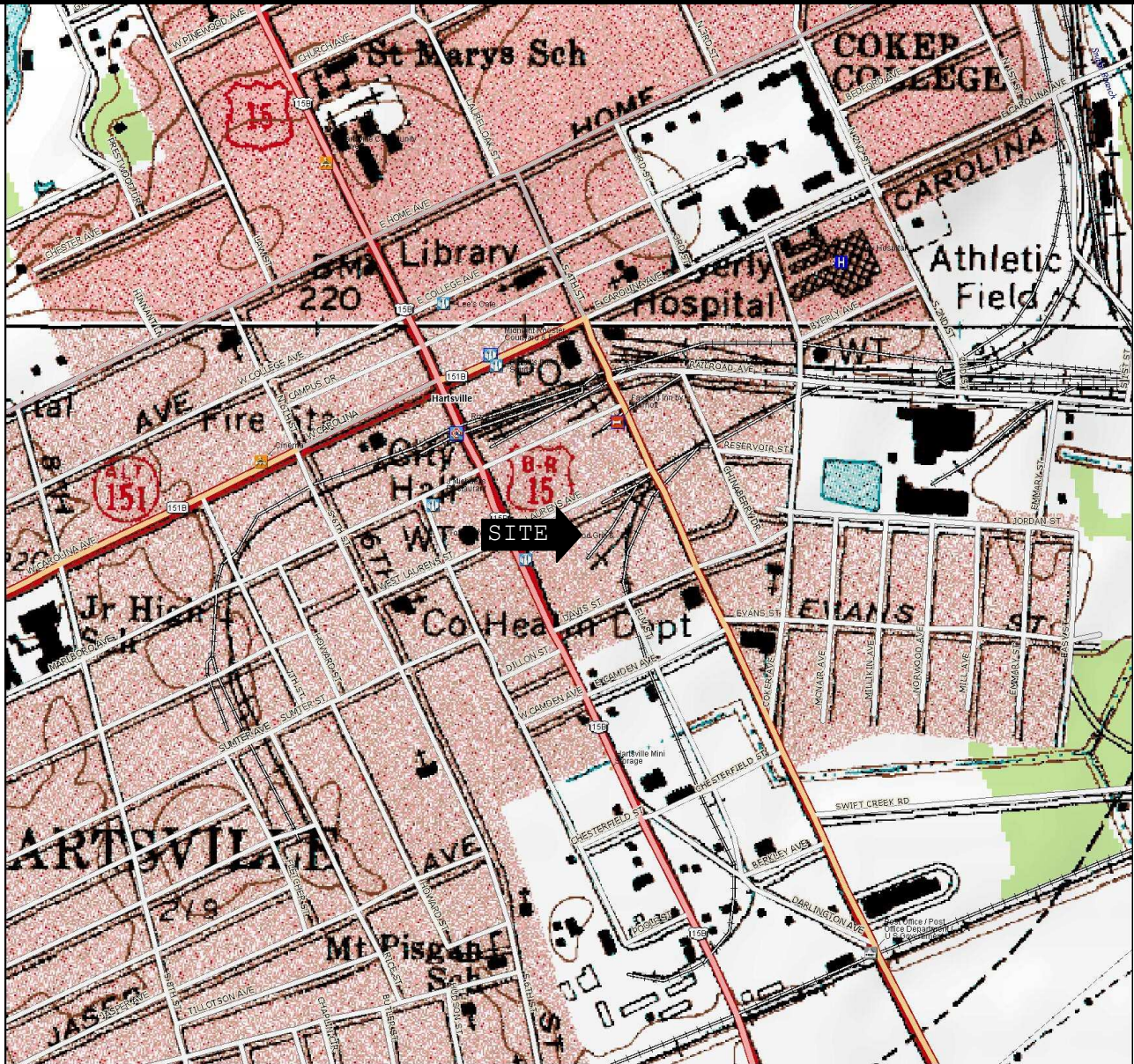
Inquiry number 3244029.17. Provided by EDR, 440 Wheelers Farms Road, Milford, CT 06461, (800) 352-0050.

- Environmental Data Resources, Inc., The EDR-Lien Search Report, Former Pedigreed Property, 904 4th Street, Hartsville, SC dated January 25, 2012. Inquiry number 3244029.18. Provided by EDR, 440 Wheelers Farms Road, Milford, CT 06461, (800) 352-0050.
- EDR Historical Topographic Map Report, United States Geological Survey Topographic Maps, 7.5 minute series, Hartsville North, SC, 1968 and Hartsville South, SC, 1986. Inquiry Number 3025577.15, January 23, 2012, EDR, 440 Wheelers Farms Road, Milford, Connecticut 06460.
- Environmental Data Resources, Inc., Certified Sanborn Map Report, Former Pedigreed Property, 904 4th Street, Hartsville, SC dated January 23, 2012. Inquiry number 3025577.14. Provided by EDR, 440 Wheelers Farms Road, Milford, CT 06461, (800) 352-0050.
- The Geology of the Carolinas, 1991, Carolina Geological Society, J. Wright Horton, Jr. and Victor A. Zullo.

## APPENDIX A

### Figures

## Site Location Map

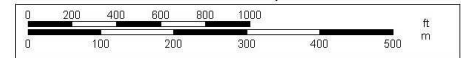


Data use subject to license.

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Scale 1 : 12,000


$$1'' = 1,000.0 \text{ ft}$$

Data Zoom 15-0

**CRAWFORD**  
**ENVIRONMENTAL**  
**SERVICES**

Division of C.F. Crawford, Inc.

104 Corporate Blvd..

West Columbia, SC 29169

803-708-0079 (office) 803-708-8137 (fax)

**HARTSVILLE, SOUTH  
CAROLINA**

Source: Delorme Topo USA 7.0

Scale: 1:12,000 Contour Interval: 10 Feet

Pedigreed 2 Property  
125 Laurens Ave.  
Hartsville, SC 29550

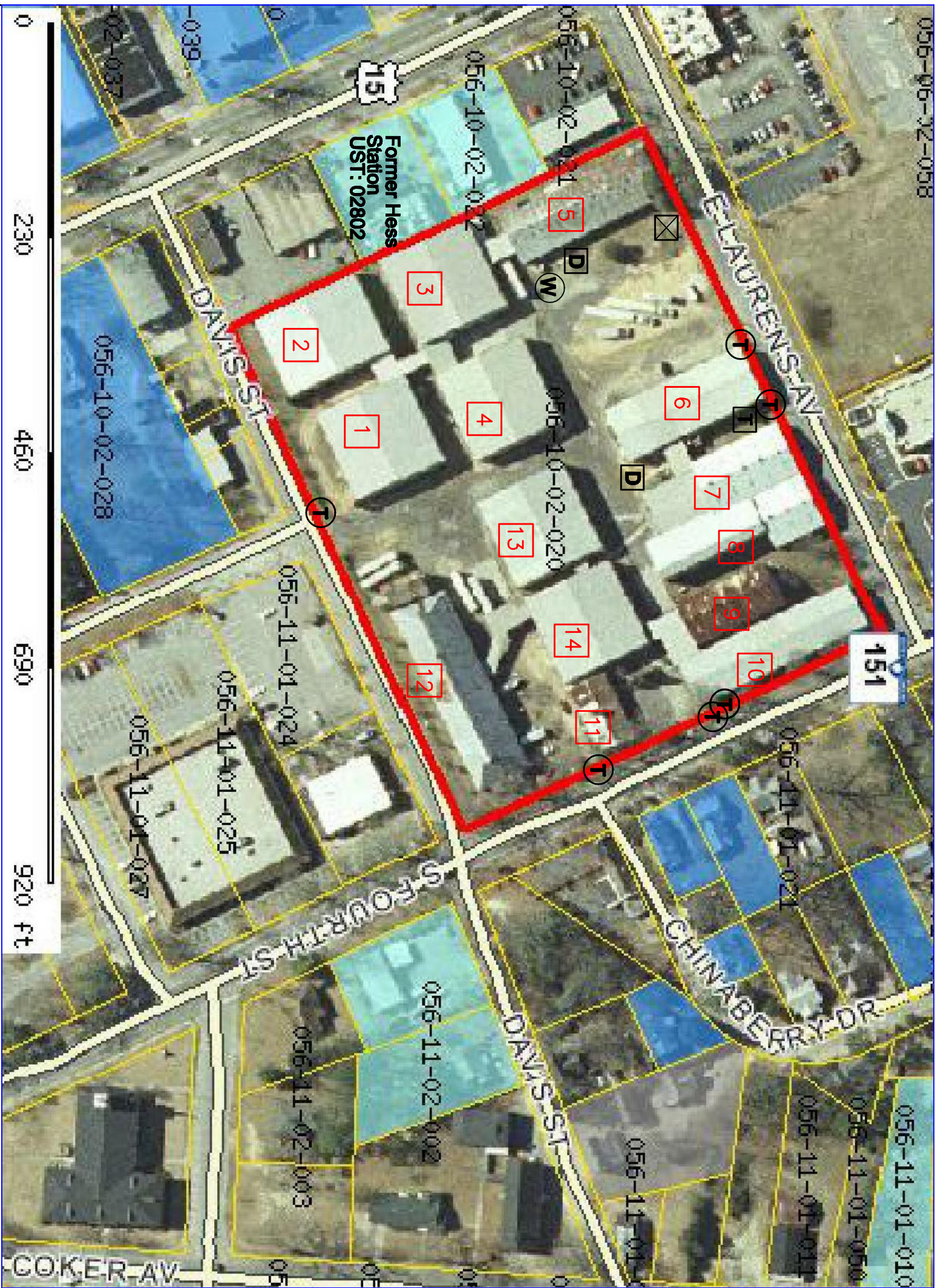
Project: Phase I

Client: CTC

CES Job #: 15.107

Date: March 2012





Legend	
<div></div>	Property Boundry
<div>⊗</div>	Suspected tmr. gasoline dispenser
<div>T</div>	Pad Mounted Transformer
<div>⊙</div>	Pole Mounted Transformer
<div>⊗</div>	Monitoring Well
<div>D</div>	Dumpster

Notes

Diagram based Aerial Photographs, Darlington County GIS and CCS field notes

GRAPHIC SCALE

0

55

110

220

440

( In Feet )

Project Mgr:  
JSR

Drawn by:  
JSR

Checked by:  
HDO

**CRAWFORD ENVIRONMENTAL SERVICES**

104 Corporate Blvd. Suite 412  
West Columbia, SC 29201  
803-708-0079 (ext)  
803-708-6139 (fax)

Project No:  
15.107

Date:  
3/26/12

Revised:  
0

**Figure 2**

**Site Facility Base Map**

Pedigreed 2 Property

Corner of 4th St. and Laurens St.

Hartsville, SC 29550

APPENDIX B  
Photographs



**Photo 1: Exterior view of Building 12 of the Pedigreed Property.**



**Photo 2: Exterior view of Building 5 of the Pedigreed Property. Monitor well is located in front of dumpster.**



**Photo 3: Exterior view of Building 4 of the Pedigreed Property.**



**Photo 4: Interior view of Building 5.**



**Photo 5: Interior view of Building 2 showing cotton storage.**



**Photo 6: Interior view of Building 3 showing storage of file boxes.**



**Photo 7: Interior view of Building 13 showing equipment storage.**



**Photo 8: Interior view of Building 14 showing equipment storage.**



**Photo 7: Interior view of Building 6 showing product storage and floor drain.**



**Photo 7: Interior view of Building 9 showing industrial/manufacturing equipment storage and stained concrete floor.**



**Photo 7: Interior view of Building 10 being used by Strike Zone as indoor batting practice facility.**



**Photo 7: View of 2-inch metal cap on pipe in the northwestern section of the subject property at the suspect location of an UST.**

APPENDIX C  
Database Report

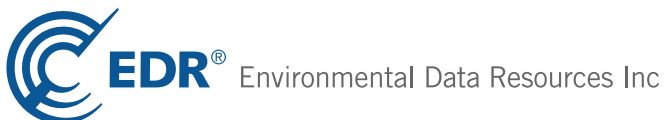


**Pedigreed 2 Property**

4th Street/Laurens Street  
Hartsville, SC 29550

Inquiry Number: 3244862.2s  
January 23, 2012

# The EDR Radius Map™ Report with GeoCheck®



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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

4TH STREET/LAURENS STREET  
HARTSVILLE, SC 29550

#### COORDINATES

Latitude (North):	34.3721000 - 34° 22' 19.56"
Longitude (West):	80.0702000 - 80° 4' 12.72"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	585492.1
UTM Y (Meters):	3803611.0
Elevation:	214 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34080-D1 HARTSVILLE NORTH, SC
Most Recent Revision:	1968
South Map:	34080-C1 HARTSVILLE SOUTH, SC
Most Recent Revision:	1968

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2009
Source:	USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL..... National Priority List

## EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent CERCLIS***

SHWS..... Site Assessment Section Project List

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Permitted Landfills List

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

AST..... Aboveground Storage Tank List  
INDIAN UST..... Underground Storage Tanks on Indian Land

## EXECUTIVE SUMMARY

FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

VCP..... Voluntary Cleanup Sites  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
SWRCY..... Solid Waste Recycling Facilities  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL..... Clandestine Drug Labs  
ALLSITES..... Site Assessment & Remediation Public Record Database  
CDL..... Clandestine Drug Lab Sites  
US HIST CDL..... National Clandestine Laboratory Register

#### ***Local Land Records***

LIENS 2..... CERCLA Lien Information  
LUCIS..... Land Use Control Information System

#### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Spills Database List

#### ***Other Ascertainable Records***

DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

## EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Wells Listing
DRYCLEANERS.....	Drycleaner Database
NPDES.....	Waste Water Treatment Facilities Listing
AIRS.....	Permitted Airs Facility Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH.....	Coal Ash Disposal Sites
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***State and tribal leaking storage tank lists***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

A review of the LUST list, as provided by EDR, and dated 08/31/2011 has revealed that there are 15 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>FORMER HESS STATION</i></b>	<b><i>321 S 5TH ST</i></b>	<b><i>W 0 - 1/8 (0.097 mi.)</i></b>	<b><i>A1</i></b>	<b><i>7</i></b>
<b><i>CAROLINA TIRE CO</i></b>	<b><i>304 S 5TH ST</i></b>	<b><i>W 0 - 1/8 (0.104 mi.)</i></b>	<b><i>A3</i></b>	<b><i>9</i></b>
No Action Required: 12/08/94				

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FRANK'S TEXACO</b>	<b>222 S 5TH ST</b>	<b>WNW 1/8 - 1/4 (0.140 mi.)</b>	<b>B4</b>	<b>10</b>
<b>HARTSVILLE COMMUNITY BANK</b>	<b>206 S FIFTH ST</b>	<b>WNW 1/8 - 1/4 (0.148 mi.)</b>	<b>B5</b>	<b>12</b>
<b>CARGILL INC</b> No Action Required: 04/18/95	<b>201 S 5TH ST</b>	<b>WNW 1/8 - 1/4 (0.150 mi.)</b>	<b>B7</b>	<b>15</b>
<b>FOOD SERVICE INC</b> No Action Required: 03/29/94	<b>428 POOLE ST</b>	<b>WSW 1/8 - 1/4 (0.165 mi.)</b>	<b>8</b>	<b>16</b>
<b>HARTSVILLE SANITATION DEPT</b> No Action Required: 04/08/94	<b>500 POOLE ST</b>	<b>SW 1/8 - 1/4 (0.185 mi.)</b>	<b>10</b>	<b>17</b>
<b>HICKS GARDEN &amp; GIFTS</b> No Action Required: 02/06/01	<b>111 N 4TH ST</b>	<b>N 1/8 - 1/4 (0.231 mi.)</b>	<b>C14</b>	<b>22</b>
<b>SHREEYA</b> No Action Required: 12/28/95	<b>152 W CAROLINA AVE</b>	<b>WNW 1/4 - 1/2 (0.272 mi.)</b>	<b>16</b>	<b>25</b>
<b>FORMERLY W D ARTHUR OIL CO</b> No Action Required: 10/12/98	<b>123 S SIXTH ST</b>	<b>WNW 1/4 - 1/2 (0.303 mi.)</b>	<b>D18</b>	<b>27</b>
<b>HUGH NEWSOME</b>	<b>621 S FIFTH ST</b>	<b>S 1/4 - 1/2 (0.345 mi.)</b>	<b>19</b>	<b>29</b>
<b>SONOCO PRODUCTS COMPANY</b>	<b>1 N 2ND ST</b>	<b>NE 1/4 - 1/2 (0.430 mi.)</b>	<b>20</b>	<b>31</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FRANKS EXXON</b>	<b>544 S FIFTH ST</b>	<b>S 1/8 - 1/4 (0.212 mi.)</b>	<b>11</b>	<b>18</b>
<b>MUSTANG SERVICE STATION</b>	<b>124 DARLINGTON AVE</b>	<b>S 1/4 - 1/2 (0.267 mi.)</b>	<b>15</b>	<b>23</b>
<b>PM FOODMART</b> No Action Required: 11/17/10	<b>719 S 4TH ST</b>	<b>SSE 1/4 - 1/2 (0.474 mi.)</b>	<b>21</b>	<b>33</b>

### State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environmental Control's list: Comprehensive Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 08/31/2011 has revealed that there are 12 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMER HESS STATION</b>	<b>321 S 5TH ST</b>	<b>W 0 - 1/8 (0.097 mi.)</b>	<b>A1</b>	<b>7</b>
<b>HAL'S EXXON</b>	<b>303 S FIFTH ST</b>	<b>W 0 - 1/8 (0.103 mi.)</b>	<b>A2</b>	<b>8</b>
<b>CAROLINA TIRE CO</b>	<b>304 S 5TH ST</b>	<b>W 0 - 1/8 (0.104 mi.)</b>	<b>A3</b>	<b>9</b>
<b>FRANK'S TEXACO</b>	<b>222 S 5TH ST</b>	<b>WNW 1/8 - 1/4 (0.140 mi.)</b>	<b>B4</b>	<b>10</b>
<b>HARTSVILLE COMMUNITY BANK</b>	<b>206 S FIFTH ST</b>	<b>WNW 1/8 - 1/4 (0.148 mi.)</b>	<b>B5</b>	<b>12</b>
<b>CARGILL INC</b>	<b>201 S 5TH ST</b>	<b>WNW 1/8 - 1/4 (0.150 mi.)</b>	<b>B7</b>	<b>15</b>
<b>FOOD SERVICE INC</b>	<b>428 POOLE ST</b>	<b>WSW 1/8 - 1/4 (0.165 mi.)</b>	<b>8</b>	<b>16</b>
<b>HARTSVILLE SANITATION DEPT</b>	<b>500 POOLE ST</b>	<b>SW 1/8 - 1/4 (0.185 mi.)</b>	<b>10</b>	<b>17</b>
<b>SEABOARD SYSTEM RR</b>	<b>101 S 4TH AVE</b>	<b>N 1/8 - 1/4 (0.213 mi.)</b>	<b>C12</b>	<b>20</b>
<b>HICKS GARDEN &amp; GIFTS</b>	<b>111 N 4TH ST</b>	<b>N 1/8 - 1/4 (0.231 mi.)</b>	<b>C14</b>	<b>22</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FIFTH STREET CLEANERS</b>	<b>508 S FIFTH ST</b>	<b>S 1/8 - 1/4 (0.168 mi.)</b>	<b>9</b>	<b>17</b>
<b>FRANKS EXXON</b>	<b>544 S FIFTH ST</b>	<b>S 1/8 - 1/4 (0.212 mi.)</b>	<b>11</b>	<b>18</b>

## EXECUTIVE SUMMARY

### ***State and tribal institutional control / engineering control registries***

RCR: The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

A review of the RCR list, as provided by EDR, and dated 09/20/2011 has revealed that there is 1 RCR site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMERLY W D ARTHUR OIL CO</b>	<b>123 S SIXTH ST</b>	<b>WNW 1/4 - 1/2 (0.303 mi.)</b>	<b>D17</b>	<b>26</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Other Ascertainable Records***

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there are 2 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CARGILL INC</b>	<b>201 SOUTH 5TH ST</b>	<b>WNW 1/8 - 1/4 (0.150 mi.)</b>	<b>B6</b>	<b>13</b>
<b>HARTSVILLE YMCA</b>	<b>111 E CAROLINA AVE</b>	<b>NW 1/8 - 1/4 (0.227 mi.)</b>	<b>13</b>	<b>20</b>

GWCI: Groundwater Contamination Inventory Cases. Any site that has groundwater contamination over a federal MCL.

A review of the GWCI list, as provided by EDR, and dated 07/01/2008 has revealed that there are 9 GWCI sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FORMER HESS STATION</b>	<b>321 S 5TH ST</b>	<b>W 0 - 1/8 (0.097 mi.)</b>	<b>A1</b>	<b>7</b>
<b>FRANK'S TEXACO</b>	<b>222 S 5TH ST</b>	<b>WNW 1/8 - 1/4 (0.140 mi.)</b>	<b>B4</b>	<b>10</b>
<b>HARTSVILLE COMMUNITY BANK</b>	<b>206 S FIFTH ST</b>	<b>WNW 1/8 - 1/4 (0.148 mi.)</b>	<b>B5</b>	<b>12</b>
<b>FORMERLY W D ARTHUR OIL CO</b>	<b>123 S SIXTH ST</b>	<b>WNW 1/4 - 1/2 (0.303 mi.)</b>	<b>D18</b>	<b>27</b>
<b>HUGH NEWSOME</b>	<b>621 S FIFTH ST</b>	<b>S 1/4 - 1/2 (0.345 mi.)</b>	<b>19</b>	<b>29</b>
<b>SONOCO PRODUCTS COMPANY</b>	<b>1 N 2ND ST</b>	<b>NE 1/4 - 1/2 (0.430 mi.)</b>	<b>20</b>	<b>31</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FRANKS EXXON</b>	<b>544 S FIFTH ST</b>	<b>S 1/8 - 1/4 (0.212 mi.)</b>	<b>11</b>	<b>18</b>
<b>MUSTANG SERVICE STATION</b>	<b>124 DARLINGTON AVE</b>	<b>S 1/4 - 1/2 (0.267 mi.)</b>	<b>15</b>	<b>23</b>
<b>PM FOODMART</b>	<b>719 S 4TH ST</b>	<b>SSE 1/4 - 1/2 (0.474 mi.)</b>	<b>21</b>	<b>33</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 32 records.

Site Name	Database(s)
SAV-WAY #2	UIC
SAV WAY #2	UIC
RAILROAD AVENUE SITE	SHWS, ALLSITES, VCP, BROWNFIELDS
LEAVENSWORTH COUNTRY JUNCTION	LUST, UST
BYRDS GROCERY	GWCI, LUST, UST
BLACK CREEK PUMP STATION	LUST, UST
WEATHERFORD TRANSIT INC	LUST, UST
SC DEPT OF TRANSPORTATION HARTSVIL	LUST, UST
RICKS PAWN SHOP	GWCI, LUST, UST
FAMILY MART#5	LUST, UST
DARLINGTON COUNTY HARTSVILLE SITE	LUST, UST, FINANCIAL ASSURANCE
HAMRICK'S SUPERMARKET	LUST, UST
HARTSVILLE SECTION SHED	LUST, UST
MARKETTE NO 2	UST
SONOCO PRODUCTS CO	UST
PEPSI COLA BOTTLING CO	UST
PET DAIRY	UST
MARKETTE NO 1	UST
L'EGGS PRODUCTS	UST
TIMMONS BIG T MINI MART	UST
ROY HOFFMAN GROCERY	UST
EASTERLING GROCERY	UST
BROOKS LAWN & GARDEN	UST
BILLS SUPERETTE	UST
CP&L - HB ROBINSON	AST
USA CYLINDER EXCHANGE	RCRA-NonGen, FINDS
KING'S BODY SHOP	RCRA-NonGen, FINDS
CITY CLEANERS OF HARTSVILLE INC	RCRA-NonGen, FINDS
MARKETTE NO 2	FINDS
COPELAND PROPERTY	FINDS
AMMONS J B NO 2	FINDS
MARKETTE 2	FINDS

# OVERVIEW MAP - 3244862.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

🏠 National Priority List Sites

🏠 Dept. Defense Sites

🏠 Indian Reservations BIA

🏠 Oil & Gas pipelines from USGS

🏠 National Wetland Inventory

🏠 State Wetlands

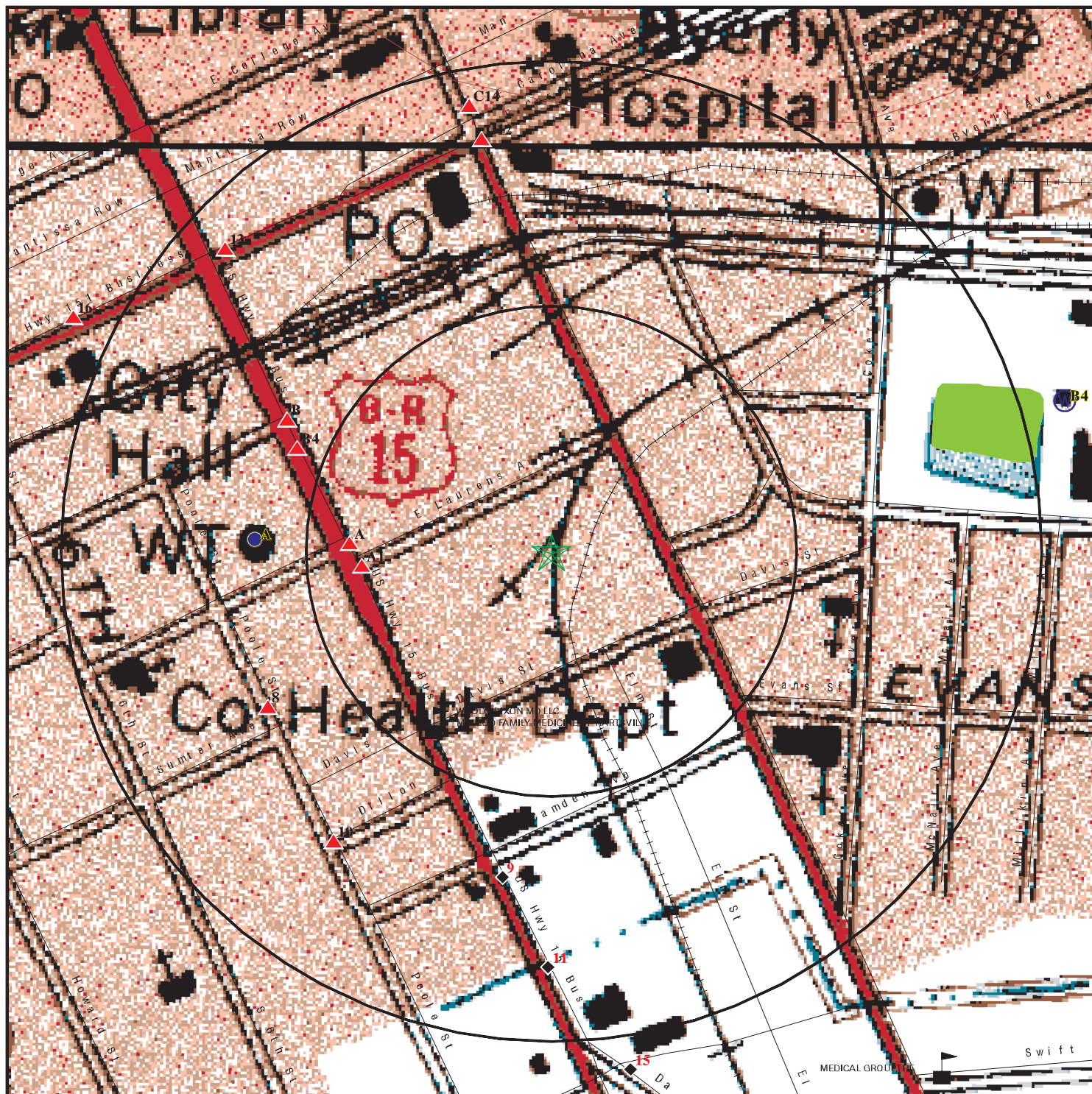
0 1/4 1/2 1 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Pedigreed 2 Property  
ADDRESS: 4th Street/Laurens Street  
Hartsville SC 29550  
LAT/LONG: 34.3721 / 80.0702

CLIENT: Crawford Env. Service, Inc.  
CONTACT: Dee O'Brien  
INQUIRY #: 3244862.2s  
DATE: January 23, 2012 4:34 pm

# DETAIL MAP - 3244862.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚠ Sensitive Receptors
- 🚒 National Priority List Sites
- 🛡 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- 🛢 Oil & Gas pipelines from USGS
- 🌿 National Wetland Inventory
- 🌱 State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Pedigreed 2 Property  
 ADDRESS: 4th Street/Laurens Street  
 Hartsville SC 29550  
 LAT/LONG: 34.3721 / 80.0702

CLIENT: Crawford Env. Service, Inc.  
 CONTACT: Dee O'Brien  
 INQUIRY #: 3244862.2s  
 DATE: January 23, 2012 4:34 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS		1.000	0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS		1.000	0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF		0.500	0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST		0.500	2	7	6	NR	NR	15
INDIAN LUST		0.500	0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST		0.250	3	9	NR	NR	NR	12

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	0	0	NR	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
RCR		0.500	0	0	1	NR	NR	1
<b>State and tribal voluntary cleanup sites</b>								
VCP		0.500	0	0	0	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL		TP	NR	NR	NR	NR	NR	0
ALLSITES		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA-NonGen		0.250	0	2	NR	NR	NR	2
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES		0.250	0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
GWCI		0.500	1	3	5	NR	NR	9
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

### EDR PROPRIETARY RECORDS

#### ***EDR Proprietary Records***

Manufactured Gas Plants	1.000	0	0	0	0	NR	0
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#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**West**  
**< 1/8**  
**0.097 mi.**  
**512 ft.**

**FORMER HESS STATION**  
**321 S 5TH ST**  
**HARTSVILLE, SC 29550**  
**Site 1 of 3 in cluster A**

**GWCI**  
**LUST**  
**UST**

**U003521415**  
**N/A**

**Relative:**  
**Higher**

SC GWIC:

**Actual:**  
**216 ft.**

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	02802
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 02802. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

LUST:

Facility ID:	02802
Release Number:	1
Facility Status:	awaiting funding
Substance:	PETRO
Owner:	PHILIP WILMETH
<b>NFA Date:</b>	<b>Not reported</b>
Date Confirmed:	06/08/90
Report Date:	05/08/90
Rank:	2BB

LUST DETAIL:

Release Date:	05/08/1990
Cleanup Complete Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMER HESS STATION (Continued)**

**U003521415**

RP Name: EST OF PHILIP WILMETH  
RP Address: PO BOX 105  
RP City: HARTSVILLE  
RP State: SC  
RP Zip: 29550  
SCRBCA Class Code: CLASS2BB  
Depth to Ground Water: 18  
Ground Water Flow Direction: NW  
Project Manager: SKOWRONEK, JOHN T  
Release Fin Type Code: With SUPERB

UST:

Facility ID: 2802  
Owner: WILMETH  
Owner Contact: PHILIP WILMETH  
Owner Address: PO BOX 1139  
Owner City,St,Zip: HARTSVILLE, SC 29551-1139  
Owner Phone: 803-332-6551  
Contact: PHILIP WILMETH  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 4000  
Product: Gasoline  
Calclage: Not reported  
**Status: Abandoned**

Tank ID: 2  
Capacity: 4000  
Product: Gasoline  
Calclage: Not reported  
**Status: Abandoned**

Tank ID: 3  
Capacity: 8000  
Product: Gasoline  
Calclage: Not reported  
**Status: Abandoned**

**A2**  
**West**  
**< 1/8**  
**0.103 mi.**  
**544 ft.**

**HAL'S EXXON**  
**303 S FIFTH ST**  
**HARTSVILLE, SC 29550**  
**Site 2 of 3 in cluster A**

**UST U003522054**  
**N/A**

**Relative:**  
**Higher**

UST:

Facility ID: 2801  
Owner: JACKSON OIL COMPANY INC  
Owner Contact: FRED ALLMAN  
Owner Address: 1 INGRAM ST  
Owner City,St,Zip: CHERAW, SC 29520  
Owner Phone: 843-537-7080  
Contact: FRED ALLMAN  
Contact Tel: Not reported

**Actual:**  
**216 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAL'S EXXON (Continued)**

**U003522054**

Tank ID: 1  
Capacity: 560  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 2  
Capacity: 4000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 3  
Capacity: 4000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

**A3**  
**West**  
**< 1/8**  
**0.104 mi.**  
**548 ft.**

**CAROLINA TIRE CO**  
**304 S 5TH ST**  
**HARTSVILLE, SC 29550**

**Site 3 of 3 in cluster A**

**LUST** **U003519880**  
**UST** **N/A**

**Relative:** LUST:  
**Higher** Facility ID: 09554  
Release Number: 1  
Facility Status: Not reported  
Substance: PETRO  
Owner: ORPHAN BRAD RAGAN INC  
**NFA Date: 12/08/94**  
Date Confirmed: 11/23/94  
Report Date: 11/12/93  
Rank: Not reported

UST:  
Facility ID: 9554  
Owner: ORPHAN BRAD RAGAN INC  
Owner Contact: RANDY BARRINGER  
Owner Address: PO BOX 240587  
Owner City,St,Zip: CHARLOTTE, NC 28224-0587  
Owner Phone: 704-529-6666  
Contact: RANDY BARRINGER  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 100  
Product: Waste Oil  
Calcage: 10  
**Status: Abandoned**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B4**  
**WNW**  
**1/8-1/4**  
**0.140 mi.**  
**739 ft.**

**FRANK'S TEXACO**  
**222 S 5TH ST**  
**HARTSVILLE, SC 29550**

**Site 1 of 4 in cluster B**

**GWCI**  
**LUST**  
**UST**

**U000479455**  
**N/A**

**Relative:**  
**Higher**

SC GWIC:

**Actual:**  
**217 ft.**

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	02768
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 02768. RBCA Classification 2BA8. Awaiting Funding.

LUST:

Facility ID:	02768
Release Number:	1
Facility Status:	awaiting funding
Substance:	PETRO
Owner:	HARTSVILLE FUEL COMPANY INC
<b>NFA Date:</b>	<b>Not reported</b>
Date Confirmed:	03/23/92
Report Date:	01/02/92
Rank:	2BA

LUST DETAIL:

Release Date:	01/02/1992
Cleanup Complete Date:	Not reported
RP Name:	HARTSVILLE FUEL COMPANY INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANK'S TEXACO (Continued)**

**U000479455**

RP Address: 300 S 1ST ST  
RP City: HARTSVILLE  
RP State: SC  
RP Zip: 29550-4324  
SCRBCA Class Code: CLASS2BA  
Depth to Ground Water: 23  
Ground Water Flow Direction: SE  
Project Manager: RIDGLEY, CATHLEEN T  
Release Fin Type Code: With SUPERB

**UST:**

Facility ID: 2768  
Owner: HARTSVILLE FUEL COMPANY INC  
Owner Contact: JULIAN KING  
Owner Address: 300 S 1ST ST  
Owner City,St,Zip: HARTSVILLE, SC 29550-4324  
Owner Phone: 843-332-8752  
Contact: JULIAN KING  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 2000  
Product: Gasoline  
Calcage: 5  
**Status: Abandoned**

Tank ID: 2  
Capacity: 3000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 3  
Capacity: 2000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 4  
Capacity: 550  
Product: Diesel  
Calcage: 5  
**Status: Abandoned**

Tank ID: 5  
Capacity: 550  
Product: Waste Oil  
Calcage: 25  
**Status: Abandoned**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B5**  
**WNW**  
**1/8-1/4**  
**0.148 mi.**  
**782 ft.**  
**HARTSVILLE COMMUNITY BANK**  
**206 S FIFTH ST**  
**HARTSVILLE, SC 29**  
**Site 2 of 4 in cluster B**

**GWCI**  
**LUST**  
**UST**  
**U003665785**  
**N/A**

**Relative:**  
**Higher**

SC GWIC:

**Actual:**  
**217 ft.**

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 18494  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: Yes  
Remediation: No  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 18494. RBCA Classification 2BB8. Awaiting Funding.

LUST:

Facility ID: 18494  
Release Number: 1  
Facility Status: approved  
Substance: PETRO  
Owner: HARTSVILLE COMMUNITY BANK  
**NFA Date: Not reported**  
Date Confirmed: 11/30/99  
Report Date: 11/29/99  
Rank: 2BB

LUST DETAIL:

Release Date: 11/29/1999  
Cleanup Complete Date: Not reported  
RP Name: HARTSVILLE COMMUNITY BANK

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARTSVILLE COMMUNITY BANK (Continued)**

**U003665785**

RP Address: 206 S FIFTH ST  
RP City: HARTSVILLE  
RP State: SC  
RP Zip: 29  
SCRBCA Class Code: CLASS2BB  
Depth to Ground Water: 20  
Ground Water Flow Direction: SE  
Project Manager: RIDGLEY, CATHLEEN T  
Release Fin Type Code: With SUPERB

**UST:**

Facility ID: 18494  
Owner: HARTSVILLE COMMUNITY BANK  
Owner Contact: CURTIS TYNER  
Owner Address: 206 S FIFTH ST  
Owner City,St,Zip: HARTSVILLE, SC 29  
Owner Phone: 843-383-4333  
Contact: CURTIS TYNER  
Contact Tel: 843-383-4333

Tank ID: 1  
Capacity: 5000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 2  
Capacity: 5000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 3  
Capacity: 3000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

**B6**  
**WNW**  
**1/8-1/4**  
**0.150 mi.**  
**795 ft.**

**CARGILL INC**  
**201 SOUTH 5TH ST**  
**HARTSVILLE, SC 29550**  
**Site 3 of 4 in cluster B**

**RCRA-NonGen** **1000875795**  
**SCD056712003**

**Relative:**  
**Higher**

RCRA-NonGen:  
Date form received by agency: 05/05/1994  
Facility name: CARGILL INC  
Facility address: 201 SOUTH 5TH ST  
HARTSVILLE, SC 29550  
EPA ID: SCD056712003  
Mailing address: PO BOX 2309  
FAYETTEVILLE, NC 28302  
Contact: TOM RICHARDSON  
Contact address: PO BOX 2309

**Actual:**  
**217 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARGILL INC (Continued)**

**1000875795**

Contact country: US  
Contact telephone: (919) 433-4922  
Contact email: Not reported  
EPA Region: 04  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: CARGILL INC  
Owner/operator address: PO BOX 9300  
MINNEAPOLIS, MN 55440  
Owner/operator country: Not reported  
Owner/operator telephone: (919) 433-4922  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 03/01/1994  
Facility name: CARGILL INC  
Classification: Large Quantity Generator

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARGILL INC (Continued)**

**1000875795**

CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: U002  
Waste name: ACETONE (I)

Violation Status: No violations found

**Evaluation Action Summary:**

Evaluation date: 08/21/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

**B7**  
**WNW**  
**1/8-1/4**  
**0.150 mi.**  
**795 ft.**  
**CARGILL INC**  
**201 S 5TH ST**  
**HARTSVILLE, SC 29550**  
**Site 4 of 4 in cluster B**

**LUST**  
**UST**  
**U003975406**  
**N/A**

**Relative:**  
**Higher**

**LUST:**

Facility ID: 02685  
Release Number: 1  
Facility Status: Not reported  
Substance: PETRO  
Owner: CARGILL INC  
**NFA Date: 04/18/95**  
Date Confirmed: 04/18/95  
Report Date: 12/13/93  
Rank: Not reported

**Actual:**  
**217 ft.**

**UST:**

Facility ID: 2670  
Owner: CARGILL INC  
Owner Contact: DARRYL HALL  
Owner Address: 15 401 BYPASS  
Owner City,St,Zip: BENNETTSVILLE, SC 29512  
Owner Phone: 803-479-2808  
Contact: DARRYL HALL  
Contact Tel: 910-433-4922

Tank ID: 1  
Capacity: 22300  
Product: Fuel Oil  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 1  
Capacity: 1000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CARGILL INC (Continued)**

**U003975406**

Tank ID: 2  
Capacity: 10200  
Product: Diesel  
Calcage: 10  
**Status: Abandoned**

Tank ID: 3  
Capacity: 12300  
Product: Miscellaneous Hydrocarbons  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 4  
Capacity: 20100  
Product: Miscellaneous Hydrocarbons  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 5  
Capacity: 8000  
Product: Miscellaneous Hydrocarbons  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 6  
Capacity: 5000  
Product: Miscellaneous Hydrocarbons  
Calcage: Not reported  
**Status: Abandoned**

**8**  
**WSW**  
**1/8-1/4**  
**0.165 mi.**  
**870 ft.**

**FOOD SERVICE INC**  
**428 POOLE ST**  
**HARTSVILLE, SC 29550**

**LUST** **U003521335**  
**UST** **N/A**

**Relative:**  
**Higher**

**Actual:**  
**217 ft.**

**LUST:**  
Facility ID: 13062  
Release Number: 1  
Facility Status: Not reported  
Substance: PETRO  
Owner: FOOD SERVICE INC  
**NFA Date: 03/29/94**  
Date Confirmed: 10/17/91  
Report Date: 04/17/91  
Rank: Not reported

**UST:**  
Facility ID: 13062  
Owner: FOOD SERVICE INC  
Owner Contact: CRYSTAL JONES  
Owner Address: 273 RIVERCHASE WAY  
Owner City,St,Zip: LEXINGTON, SC 29072-7829

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOD SERVICE INC (Continued)**

**U003521335**

Owner Phone: 803-791-4520  
Contact: CRYSTAL JONES  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 3000  
Product: Gasoline  
Calcage: 15  
**Status: Abandoned**

**9**  
**South**  
**1/8-1/4**  
**0.168 mi.**  
**887 ft.**

**FIFTH STREET CLEANERS**  
**508 S FIFTH ST**  
**HARTSVILLE, SC 29550**

**UST U003521241**  
**N/A**

**Relative:**  
**Lower**

UST:  
Facility ID: 2676  
Owner: FIFTH STREET CLEANERS  
Owner Contact: DAN COKER  
Owner Address: 508 S FIFTH ST  
Owner City,St,Zip: HARTSVILLE, SC 29550-5706  
Owner Phone: Not reported  
Contact: DAN COKER  
Contact Tel: Not reported

**Actual:**  
**213 ft.**

Tank ID: 1  
Capacity: 6000  
Product: Heating Oil  
Calcage: 25  
**Status: Abandoned**

**10**  
**SW**  
**1/8-1/4**  
**0.185 mi.**  
**975 ft.**

**HARTSVILLE SANITATION DEPT**  
**500 POOLE ST**  
**HARTSVILLE, SC 29550**

**LUST U001537613**  
**UST N/A**

**Relative:**  
**Higher**

LUST:  
Facility ID: 02610  
Release Number: 1  
Facility Status: Not reported  
Substance: PETRO  
Owner: HARTSVILLE CITY OF  
**NFA Date: 04/08/94**  
Date Confirmed: 04/08/94  
Report Date: 08/22/89  
Rank: Not reported

**Actual:**  
**216 ft.**

UST:  
Facility ID: 2610  
Owner: HARTSVILLE CITY OF  
Owner Contact: DON JOHNSON  
Owner Address: 626 N 5TH ST  
Owner City,St,Zip: HARTSVILLE, SC 29550-3212  
Owner Phone: 843-383-3006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARTSVILLE SANITATION DEPT (Continued)**

**U001537613**

Contact: DON JOHNSON  
Contact Tel: 803-383-3006

Tank ID: 1  
Capacity: 500  
Product: Miscellaneous Hydrocarbons  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 2  
Capacity: 2000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 3  
Capacity: 2000  
Product: Diesel  
Calcage: Not reported  
**Status: Abandoned**

11  
South  
1/8-1/4  
0.212 mi.  
1120 ft.

**FRANKS EXXON**  
**544 S FIFTH ST**  
**HARTSVILLE, SC 29550**

**GWCI U004018569**  
**LUST N/A**  
**UST**

**Relative:**  
**Lower**

SC GWIC:  
Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 02750  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False

**Actual:**  
**213 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANKS EXXON (Continued)**

**U004018569**

Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: Yes  
Remediation: No  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 02750. RBCA Classification 3BF8. Awaiting Funding.

**LUST:**

Facility ID: 02750  
Release Number: 1  
Facility Status: awaiting funding  
Substance: PETRO  
Owner: JACKSON OIL COMPANY INC  
**NFA Date: Not reported**  
Date Confirmed: 01/19/00  
Report Date: 01/19/00  
Rank: 3BF

**LUST DETAIL:**

Release Date: 01/19/2000  
Cleanup Complete Date: Not reported  
RP Name: JACKSON OIL COMPANY INC  
RP Address: 1 INGRAM ST  
RP City: CHERAW  
RP State: SC  
RP Zip: 29520  
SCRBCA Class Code: CLASS3BF  
Depth to Ground Water: 10  
Ground Water Flow Direction: N  
Project Manager: RIDGLEY, CATHLEEN T  
Release Fin Type Code: With SUPERB

**UST:**

Facility ID: 2750  
Owner: JACKSON OIL COMPANY INC  
Owner Contact: FRED ALLMAN  
Owner Address: 1 INGRAM ST  
Owner City,St,Zip: CHERAW, SC 29520  
Owner Phone: 843-537-7080  
Contact: FRED ALLMAN  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 6000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 2  
Capacity: 3000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FRANKS EXXON (Continued)**

**U004018569**

Tank ID: 3  
Capacity: 3000  
Product: Gasoline  
Calclage: 25  
**Status: Abandoned**

Tank ID: 4  
Capacity: 3000  
Product: Gasoline  
Calclage: 25  
**Status: Abandoned**

**C12**  
**North**  
**1/8-1/4**  
**0.213 mi.**  
**1126 ft.**  
**SEABOARD SYSTEM RR**  
**101 S 4TH AVE**  
**HARTSVILLE, SC 29550**  
**Site 1 of 2 in cluster C**

**UST** **U004018472**  
**N/A**

**Relative:**  
**Higher**

UST:  
Facility ID: 2170  
Owner: SEABOARD SYSTEM RAILROAD INC  
Owner Contact: J SHEFFIELD  
Owner Address: 500 WATER ST  
Owner City,St,Zip: JACKSONVILLE, FL 32202  
Owner Phone: 904-359-1986  
Contact: J SHEFFIELD  
Contact Tel: 843-398-4100

**Actual:**  
**219 ft.**

Tank ID: 1  
Capacity: 500  
Product: Kerosene  
Calclage: 5  
**Status: Abandoned**

**13**  
**NW**  
**1/8-1/4**  
**0.227 mi.**  
**1198 ft.**  
**HARTSVILLE YMCA**  
**111 E CAROLINA AVE**  
**HARTSVILLE, SC 29550**

**RCRA-NonGen** **1000835389**  
**FINDS** **SCD987593316**

**Relative:**  
**Higher**

RCRA-NonGen:  
Date form received by agency: 03/27/2002  
Facility name: HARTSVILLE YMCA  
Facility address: 111 EAST CAROLINA AVE  
HARTSVILLE, SC 29550  
EPA ID: SCD987593316  
Mailing address: PO BOX 1344  
HARTSVILLE, SC 29550  
Contact: FRANK KING  
Contact address: PO BOX 1344  
HARTSVILLE, SC 29550  
Contact country: US  
Contact telephone: (803) 383-7373  
Contact email: Not reported  
EPA Region: 04

**Actual:**  
**217 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARTSVILLE YMCA (Continued)**

**1000835389**

Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: HARTSVILLE YMCA  
Owner/operator address: PO BOX 1344  
HARTSVILLE, SC 29550  
Owner/operator country: Not reported  
Owner/operator telephone: (803) 383-4547  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 07/06/1994  
Facility name: HARTSVILLE YMCA  
Classification: Not a generator, verified

Date form received by agency: 08/10/1992  
Facility name: HARTSVILLE YMCA  
Classification: Small Quantity Generator

**Hazardous Waste Summary:**

Waste code: D007  
Waste name: CHROMIUM

Violation Status: No violations found

**FINDS:**

Registry ID: 110002252758

**Environmental Interest/Information System**

SC-EFIS (South Carolina - Environmental Facility Information System)  
integrates information on environmental facilities, permits,  
violations, enforcement actions, and compliance activities needed to  
support regulatory requirements and target environmental quality  
improvements for the water, air, solid waste, and hazardous waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARTSVILLE YMCA (Continued)**

**1000835389**

program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

**C14**  
**North**  
**1/8-1/4**  
**0.231 mi.**  
**1221 ft.**  
**HICKS GARDEN & GIFTS**  
**111 N 4TH ST**  
**HARTSVILLE, SC 29**  
**Site 2 of 2 in cluster C**

**LUST** **U003740863**  
**UST** **N/A**

**Relative:**  
**Higher**

**Actual:**  
**220 ft.**

**LUST:**  
Facility ID: 18595  
Release Number: 1  
Facility Status: Not reported  
Substance: PETRO  
Owner: WADE H & LEE S HICKS  
**NFA Date: 02/06/01**  
Date Confirmed: 01/16/01  
Report Date: 12/08/00  
Rank: Not reported

**UST:**  
Facility ID: 18595  
Owner: WADE H & LEE S HICKS  
Owner Contact: WADE HICKS  
Owner Address: 400 MCLEOD RD  
Owner City,St,Zip: HARTSVILLE, SC 29550-4006  
Owner Phone: 843-332-5086  
Contact: WADE HICKS  
Contact Tel: Not reported

Tank ID: 1  
Capacity: Not reported  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 2  
Capacity: Not reported  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 3  
Capacity: 260  
Product: Waste Oil  
Calcage: Not reported  
**Status: Abandoned**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HICKS GARDEN & GIFTS (Continued)**

**U003740863**

Tank ID: 4  
Capacity: 1000  
Product: Gasoline  
Calclage: Not reported  
**Status: Abandoned**

**15**  
**South**  
**1/4-1/2**  
**0.267 mi.**  
**1411 ft.**

**MUSTANG SERVICE STATION**  
**124 DARLINGTON AVE**  
**HARTSVILLE, SC 29550**

**GWCI**  
**LUST**  
**UST**

**U003523784**  
**N/A**

**Relative:**  
**Lower**

SC GWIC:

**Actual:**  
**213 ft.**

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 15323  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: Yes  
Remediation: No  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 15323. RBCA Classification 2BB8. Awaiting Funding.

LUST:

Facility ID: 15323  
Release Number: 1  
Facility Status: awaiting funding  
Substance: PETRO  
Owner: CHARLES BAILEY  
**NFA Date: Not reported**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MUSTANG SERVICE STATION (Continued)**

**U003523784**

Date Confirmed: 12/12/95  
Report Date: 11/29/95  
Rank: 2BB

**LUST DETAIL:**

Release Date: 11/29/1995  
Cleanup Complete Date: Not reported  
RP Name: BAILEY  
RP Address: 326 DEERWOOD AVE  
RP City: HARTSVILLE  
RP State: SC  
RP Zip: 29550  
SCRBCA Class Code: CLASS2BB  
Depth to Ground Water: 14.11  
Ground Water Flow Direction: NW  
Project Manager: RIDGLEY, CATHLEEN T  
Release Fin Type Code: With SUPERB

**UST:**

Facility ID: 15323  
Owner: BAILEY  
Owner Contact: CHARLES BAILEY  
Owner Address: 326 DEERWOOD AVE  
Owner City,St,Zip: HARTSVILLE, SC 29550  
Owner Phone: 803-332-0013  
Contact: CHARLES BAILEY  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 8000  
Product: Gasoline  
Calcage: 15  
**Status: Abandoned**

Tank ID: 2  
Capacity: 6000  
Product: Gasoline  
Calcage: 15  
**Status: Abandoned**

Tank ID: 3  
Capacity: 4000  
Product: Gasoline  
Calcage: 15  
**Status: Abandoned**

Tank ID: 4  
Capacity: 8000  
Product: Gasoline  
Calcage: 15  
**Status: Abandoned**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MUSTANG SERVICE STATION (Continued)**

**U003523784**

Tank ID: 5  
Capacity: 550  
Product: Kerosene  
Calclage: Not reported  
**Status: Abandoned**

**16**  
**WNW**  
**1/4-1/2**  
**0.272 mi.**  
**1434 ft.**

**SHREEYA**  
**152 W CAROLINA AVE**  
**HARTSVILLE, SC 29550**

**LUST** **U003629732**  
**UST** **N/A**

**Relative:**  
**Higher**

**LUST:**

Facility ID: 15358  
Release Number: 1  
Facility Status: currently inactive  
Substance: PETRO  
Owner: BABUBHAI PATEL  
**NFA Date: 12/28/95**  
Date Confirmed: 12/07/95  
Report Date: 06/30/93  
Rank: 5A

**Actual:**  
**219 ft.**

**LUST DETAIL:**

Release Date: 06/30/1993  
Cleanup Complete Date: 12/28/1995  
RP Name: MCCOY SERVICE CO  
RP Address: 5317 WILKINSON BLVD  
RP City: CHARLOTTE  
RP State: NC  
RP Zip: 28208  
SCRBCA Class Code: CLASS5A  
Depth to Ground Water: Not reported  
Ground Water Flow Direction: Not reported  
Project Manager: WILSON, KIMBERLY A  
Release Fin Type Code: QNW

**UST:**

Facility ID: 15358  
Owner: PATEL  
Owner Contact: Not reported  
Owner Address: 152 W CAROLINA AVE  
Owner City,St,Zip: HARTSVILLE, SC 29550-4216  
Owner Phone: 917-499-7829  
Contact: CAROLYN VAUGHN  
Contact Tel: 843-332-5665

Tank ID: 1  
Capacity: 10300  
Product: RUL  
Calclage: 15  
**Status: Currently in use**

Tank ID: 2  
Capacity: 4000  
Product: PLUS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHREEYA (Continued)**

**U003629732**

Calcage: 25  
**Status:** **Currently in use**

Tank ID: 3  
Capacity: 10000  
Product: RUL  
Calcage: 10  
**Status:** **Currently in use**

Tank ID: 4  
Capacity: 4000  
Product: Diesel  
Calcage: 10  
**Status:** **Currently in use**

Tank ID: 5  
Capacity: 4000  
Product: Kerosene  
Calcage: 25  
**Status:** **Currently in use**

Tank ID: 6  
Capacity: 4000  
Product: Kerosene  
Calcage: 25  
**Status:** **Currently in use**

**D17**  
**WNW**  
**1/4-1/2**  
**0.303 mi.**  
**1600 ft.**  
**Relative:**  
**Higher**  
**Actual:**  
**219 ft.**

**FORMERLY W D ARTHUR OIL CO**  
**123 S SIXTH ST**  
**HARTSVILLE, SC 29550**

**FINDS** **1007233215**  
**RCR** **N/A**

**Site 1 of 2 in cluster D**

**FINDS:**

Registry ID: 110017045419

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

**RCR:**

Entity Responsibility: Arthur Properties  
Region: 4  
Tax Id: 056-10-02-073 &043  
Latitude: 34.37222  
Longitude: -80.07521

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMERLY W D ARTHUR OIL CO (Continued)**

**1007233215**

Tracking Number: 14336  
Regulatory Program: UST  
Unit Type: UST  
Unit Number/Letter: 1  
Area/Acres: Not reported  
Affected Media: Groundwater  
Site/Unit: Regulated Petroleum Underground Storage Tank Location  
Conditions: Public Noticed Corrective Action Plan  
Associated Response/Corrective Action: Not reported  
Associated Chemicals Requiring: Benzene Naphthalene

**D18  
WNW  
1/4-1/2  
0.303 mi.  
1600 ft.**

**FORMERLY W D ARTHUR OIL CO  
123 S SIXTH ST  
HARTSVILLE, SC 29550**

**Site 2 of 2 in cluster D**

**GWCI U003521492  
LUST N/A  
UST**

**Relative:  
Higher**

SC GWIC:

**Actual:  
219 ft.**

Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 14336  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: No  
Remediation: Yes  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 14336. RBCA Classification 2AB3. Monitored Natural Attenuation.

LUST:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMERLY W D ARTHUR OIL CO (Continued)**

**U003521492**

Facility ID: 14336  
Release Number: 1  
Facility Status: monitored natural attenuation  
Substance: PETRO  
Owner: ARTHUR PROPERTIES  
**NFA Date: 10/12/98**  
Date Confirmed: 03/23/92  
Report Date: 01/13/92  
Rank: 2AB

**LUST DETAIL:**

Release Date: 01/13/1992  
Cleanup Complete Date: Not reported  
RP Name: ARTHUR PROPERTIES  
RP Address: PO BOX 2046  
RP City: HARTSVILLE  
RP State: SC  
RP Zip: 29551-2046  
SCRBCA Class Code: CLASS2AB  
Depth to Ground Water: Not reported  
Ground Water Flow Direction: Not reported  
Project Manager: THOMA, DEBRA L  
Release Fin Type Code: DHEC SUPERB with State Lead

**UST:**

Facility ID: 14336  
Owner: ARTHUR PROPERTIES  
Owner Contact: STEPHEN ARTHUR  
Owner Address: PO BOX 2046  
Owner City,St,Zip: HARTSVILLE, SC 29551-2046  
Owner Phone: Not reported  
Contact: STEPHEN ARTHUR  
Contact Tel: Not reported

Tank ID: 1  
Capacity: 20000  
Product: Multiple Petroleum Products  
Calcage: 25  
**Status: Abandoned**

Tank ID: 2  
Capacity: 20000  
Product: Diesel  
Calcage: 25  
**Status: Abandoned**

Tank ID: 3  
Capacity: 20000  
Product: Kerosene  
Calcage: 25  
**Status: Abandoned**

Tank ID: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FORMERLY W D ARTHUR OIL CO (Continued)**

**U003521492**

Capacity: 20000  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 5  
Capacity: 550  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 6  
Capacity: 550  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

Tank ID: 7  
Capacity: 550  
Product: Gasoline  
Calcage: 25  
**Status: Abandoned**

**19**  
**South**  
**1/4-1/2**  
**0.345 mi.**  
**1821 ft.**

**HUGH NEWSOME**  
**621 S FIFTH ST**  
**HARTSVILLE, SC 29550**

**GWCI** **U003558100**  
**LUST** **N/A**  
**UST**

**Relative:**  
**Higher**

**Actual:**  
**216 ft.**

SC GWIC:  
Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 02716  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGH NEWSOME (Continued)**

**U003558100**

Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: No  
Monitoring: Yes  
Remediation: No  
Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 02716. RBCA Classification 3BF8. Awaiting Funding.

**LUST:**

Facility ID: 02716  
Release Number: 1  
Facility Status: awaiting funding  
Substance: PETRO  
Owner: W H BRISTOW INC  
**NFA Date: Not reported**  
Date Confirmed: 03/22/95  
Report Date: 12/31/91  
Rank: 3BF

**LUST DETAIL:**

Release Date: 12/31/1991  
Cleanup Complete Date: Not reported  
RP Name: W H BRISTOW INC  
RP Address: 309 N MAIN ST  
RP City: DARLINGTON  
RP State: SC  
RP Zip: 29532  
SCRBCA Class Code: CLASS3BF  
Depth to Ground Water: 12  
Ground Water Flow Direction: RAD  
Project Manager: SKOWRONEK, JOHN T  
Release Fin Type Code: With SUPERB

**UST:**

Facility ID: 2716  
Owner: W H BRISTOW INC  
Owner Contact: RUFUS CRIBB  
Owner Address: 309 N MAIN ST  
Owner City,St,Zip: DARLINGTON, SC 29532  
Owner Phone: 843-393-2896  
Contact: RUFUS CRIBB  
Contact Tel: 803-332-7661

Tank ID: 1  
Capacity: 10000  
Product: Gasoline  
Calcage: 10  
**Status: Abandoned**

Tank ID: 2  
Capacity: 10000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HUGH NEWSOME (Continued)**

**U003558100**

Product: Gasoline  
Calcage: 10  
**Status: Abandoned**

Tank ID: 3  
Capacity: 4000  
Product: Gasoline  
Calcage: 10  
**Status: Abandoned**

Tank ID: 4  
Capacity: 2000  
Product: Diesel  
Calcage: 10  
**Status: Abandoned**

**20  
NE  
1/4-1/2  
0.430 mi.  
2271 ft.**

**SONOCO PRODUCTS COMPANY  
1 N 2ND ST  
HARTSVILLE, SC 29550**

**GWCI  
LUST  
UST**

**U004120550  
N/A**

**Relative:  
Higher**

SC GWIC:  
Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 02637  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False  
Pesticides & Herbicides: False  
Polychlorinated Biphenyls: False  
Base, Neutral, & Acid Extractables: False  
Phenols: False  
Radionuclides Over Max Contaminant Levels: False  
Sources Not In Other Categories: False  
Source: UST  
Underground Storage Tanks: True  
Pits, Ponds, & Lagoons: False  
Spills & Leaks: False  
Landfills: False  
Aboveground Storage Tank: False  
Spray Irrigation: False  
Single-Event Spill: False  
Unpermitted Disposal: False  
Septic Tank/Tile Field: False  
Substances Not In Other Categories: False  
Sources of Contamination Undetermined: False  
Assessment: Yes  
Monitoring: No  
Remediation: No

**Actual:  
225 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOCO PRODUCTS COMPANY (Continued)**

**U004120550**

Surface Impact: No  
Drinking Water Well Impact: No  
Remarks: Site ID # 02637. RBCA Classification 2BA1. Conducting investigation/Risk Assessment.

**LUST:**

Facility ID: 02637  
Release Number: 1  
Facility Status: free product recovery only  
Substance: PETRO  
Owner: SONOCO PRODUCTS COMPANY  
**NFA Date: Not reported**  
Date Confirmed: 02/08/94  
Report Date: 10/26/93  
Rank: 2BA

**LUST DETAIL:**

Release Date: 10/26/1993  
Cleanup Complete Date: Not reported  
RP Name: SONOCO PRODUCTS COMPANY  
RP Address: 1 N 2ND ST  
RP City: HARTSVILLE  
RP State: SC  
RP Zip: 29550  
SCRBCA Class Code: CLASS2BA  
Depth to Ground Water: 4.099  
Ground Water Flow Direction: N  
Project Manager: RIDGLEY, CATHLEEN T  
Release Fin Type Code: DHEC SUPERB with State Lead

**UST:**

Facility ID: 2637  
Owner: SONOCO PRODUCTS COMPANY  
Owner Contact: BRYAN LANEY  
Owner Address: 1 N 2ND ST  
Owner City,St,Zip: HARTSVILLE, SC 29550  
Owner Phone: 843-383-7278  
Contact: BRYAN LANEY  
Contact Tel: 843-383-7278

Tank ID: 1  
Capacity: 1000  
Product: Gasoline  
Calclage: Not reported  
**Status: Abandoned**

Tank ID: 1  
Capacity: 10000  
Product: Fuel Oil  
Calclage: Not reported  
**Status: Abandoned**

Tank ID: 1  
Capacity: 200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONOCO PRODUCTS COMPANY (Continued)**

**U004120550**

Product: Miscellaneous Hydrocarbons  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 2  
Capacity: 500  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 3  
Capacity: 1000  
Product: Gasoline  
Calcage: Not reported  
**Status: Abandoned**

Tank ID: 4  
Capacity: 16000  
Product: Motor Oil  
Calcage: 25  
**Status: Abandoned**

Tank ID: 5  
Capacity: 8000  
Product: Motor Oil  
Calcage: 25  
**Status: Abandoned**

Tank ID: 6  
Capacity: 8000  
Product: Motor Oil  
Calcage: 25  
**Status: Abandoned**

21  
SSE  
1/4-1/2  
0.474 mi.  
2505 ft.

**PM FOODMART**  
**719 S 4TH ST**  
**HARTSVILLE, SC 29550**

**GWCI**  
**LUST**  
**UST**

**U003930699**  
**N/A**

**Relative:**  
**Lower**

SC GWIC:  
Bureau: BLWM  
EAP ID: Not reported  
Solid Waste Permit #: Not reported  
Bureau of Land & Waste Management File #: Not reported  
Permit Number: 02741  
WPC Permit: Not reported  
Program: DUST  
Contamination: PETRO  
Petroleum Products: True  
Volatile Organic Compounds: False  
Metals: False  
Nitrates or Potential to Nitrate: False

**Actual:**  
**210 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PM FOODMART (Continued)**

**U003930699**

Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 02741. RBCA Classification 2BB1. Conducting investigation/Risk Assessment.

**LUST:**

Facility ID:	02741
Release Number:	1
Facility Status:	monitored natural attenuation
Substance:	PETROL
Owner:	JAI KHODIAR INC
<b>NFA Date:</b>	<b>11/17/10</b>
Date Confirmed:	04/24/03
Report Date:	04/01/03
Rank:	1D

**LUST DETAIL:**

Release Date:	04/01/2003
Cleanup Complete Date:	Not reported
RP Name:	SPEEDWAY SUPERAMERICA LLC
RP Address:	500 SPEEDWAY DR
RP City:	ENON
RP State:	OH
RP Zip:	45323-1056
SCRBCA Class Code:	CLASS1D
Depth to Ground Water:	12
Ground Water Flow Direction:	NW
Project Manager:	MARTIN, JAMES M
Release Fin Type Code:	With SUPERB

**UST:**

Facility ID:	2741
Owner:	JAI KHODIAR INC
Owner Contact:	PINAL PATEL
Owner Address:	719 S 4TH ST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PM FOODMART (Continued)**

**U003930699**

Owner City,St,Zip: HARTSVILLE, SC 29550-5723  
Owner Phone: 904-318-5506  
Contact: PINAL PATEL  
Contact Tel: 803-332-0991

Tank ID: 1  
Capacity: 10000  
Product: Gasoline  
Calcage: 5  
**Status: Abandoned**

Tank ID: 2  
Capacity: 10000  
Product: Gasoline  
Calcage: 5  
**Status: Abandoned**

Tank ID: 3  
Capacity: 10000  
Product: Gasoline  
Calcage: 5  
**Status: Abandoned**

Tank ID: 4  
Capacity: 15000  
Product: Multiple Petroleum Products  
Calcage: 0  
**Status: Currently in use**

Tank ID: 5  
Capacity: 15000  
Product: RUL  
Calcage: 0  
**Status: Currently in use**

Count: 32 records.

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DARLINGTON	1007229687	MARKETTE NO 2	217 CAROLINA AVE	29550	FINDS
DARLINGTON	U003523410	MARKETTE NO 2	217 CAROLINA AVE	29550	UST
HARTSVILLE	U003523126	LEAVENSWORTH COUNTRY JUNCTION	RT 1		LUST, UST
HARTSVILLE	U003519705	BYRDS GROCERY	RT 1		GWCI, LUST, UST
HARTSVILLE	U003557703	BLACK CREEK PUMP STATION	HWY 15 BYP N	29550	LUST, UST
HARTSVILLE	U003558542	SONOCO PRODUCTS CO	HWY 15 N	29550	UST
HARTSVILLE	U003558694	WEATHERFORD TRANSIT INC	HWY 15 N	29550	LUST, UST
HARTSVILLE	U003558332	PEPSI COLA BOTTLING CO	HWY 15 BYP N	29550	UST
HARTSVILLE	U003524268	PET DAIRY	HWY 15 BYP N	29550	UST
HARTSVILLE	U003558234	MARKETTE NO 1	HWY 15 & 151ST BYP	29550	UST
HARTSVILLE	1005444759	USA CYLINDER EXCHANGE	HWY 15 NORTH	29550	RCRA-NonGen, FINDS
HARTSVILLE	U003975408	L'EGGS PRODUCTS	HWY 151 BYP	29550	UST
HARTSVILLE	1007238853	COPELAND PROPERTY	RT 2 BOX 230	29550	FINDS
HARTSVILLE	A100168629	CP&L - HB ROBINSON	HWY 23 AT HWY 151	29550	AST
HARTSVILLE	U004018069	TIMMONS BIG T MINI MART	RT 3	29550	UST
HARTSVILLE	1007834796	AMMONS J B NO 2	RT 4	29550	FINDS
HARTSVILLE	U003524750	ROY HOFFMAN GROCERY	RT 4	29550	UST
HARTSVILLE	U003624976	EASTERLING GROCERY	RT 4		UST
HARTSVILLE	1004780224	KING'S BODY SHOP	ROUTE 5 BOX 89 LOFFMAN ROAD	29550	RCRA-NonGen, FINDS
HARTSVILLE	U003796568	SC DEPT OF TRANSPORTATION HARTSVIL	5TH ST	29550	LUST, UST
HARTSVILLE	1007229595	MARKETTE 2	3500 BOBO NEWSOME HWY	29550	FINDS
HARTSVILLE	U004018575	RICKS PAWN SHOP	1300 E BOBO NEWSOME HWY	29550	GWCI, LUST, UST
HARTSVILLE	U004018571	FAMILY MART#5	1213 BOBO NEWSOME HWY	29550	LUST, UST
HARTSVILLE	U003519571	BROOKS LAWN & GARDEN	CAROLINA AVE	29550	UST
HARTSVILLE	U003519369	BILLS SUPERETTE	CAROLINA AVE	29550	UST
HARTSVILLE	1004781223	CITY CLEANERS OF HARTSVILLE INC	312 W CAROLINA AVE	29550	RCRA-NonGen, FINDS
HARTSVILLE	U000479349	DARLINGTON COUNTY HARTSVILLE SITE	DAVIS ST	29550	LUST, UST, FINANCIAL ASSURANCE
HARTSVILLE	U003522076	HAMRICK'S SUPERMARKET	816 PATRICK ROAD HWY	29550	LUST, UST
HARTSVILLE	S105736153	RAILROAD AVENUE SITE	RAILROAD AVE	29550	SHWS, ALLSITES, VCP, BROWNFIELD
HARTSVILLE	S109516607	SAV-WAY #2	725 USHY 15		UIC
HARTSVILLE	S109516606	SAV WAY #2	725 USHY 15 N		UIC
HARTSVILLE	U003628176	HARTSVILLE SECTION SHED	USHY 15 N & S USHY	29550	LUST, UST

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 01/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 01/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011	Source: EPA
Date Data Arrived at EDR: 07/12/2011	Telephone: N/A
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 01/10/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

### **FEDERAL FACILITY: Federal Facility Site Information listing**

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 01/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/29/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/12/2012
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### **CORRACTS: Corrective Action Report**

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 132

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 11/14/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

#### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/05/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

#### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/05/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/05/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011  
Date Data Arrived at EDR: 07/07/2011  
Date Made Active in Reports: 08/08/2011  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: (404) 562-8651  
Last EDR Contact: 01/05/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### **US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 12/09/2011
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/26/2012
	Data Release Frequency: Varies

### **US INST CONTROL: Sites with Institutional Controls**

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 12/09/2011
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/26/2012
	Data Release Frequency: Varies

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/18/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### **SHWS: Site Assessment Section Project List**

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/06/2011	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 10/11/2011	Telephone: 803-734-5376
Date Made Active in Reports: 10/31/2011	Last EDR Contact: 12/19/2011
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/02/2012
	Data Release Frequency: Annually

## ***State and tribal landfill and/or solid waste disposal site lists***

### **SWF/LF: Permitted Landfills List**

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/06/2011  
Date Data Arrived at EDR: 10/06/2011  
Date Made Active in Reports: 10/31/2011  
Number of Days to Update: 25

Source: Department of Health and Environmental Control  
Telephone: 803-734-5165  
Source: Department of Health and Environmental Control, GIS Section  
Telephone: 803-896-4084  
Last EDR Contact: 12/19/2011  
Next Scheduled EDR Contact: 04/02/2012  
Data Release Frequency: Varies

### ***State and tribal leaking storage tank lists***

#### **LUST: Leaking Underground Storage Tank List**

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/31/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 37

Source: Department of Health and Environmental Control  
Telephone: 803-898-4350  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

#### **INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 25

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

#### **INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/01/2011  
Date Data Arrived at EDR: 11/21/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 50

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

#### **INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 59

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

#### **INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land**

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011  
Date Data Arrived at EDR: 11/01/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 10

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 11/01/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

#### **INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/02/2011  
Date Data Arrived at EDR: 11/04/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 7

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011  
Date Data Arrived at EDR: 12/15/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 26

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/07/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 34

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

### ***State and tribal registered storage tank lists***

UST: Comprehensive Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/31/2011  
Date Data Arrived at EDR: 08/31/2011  
Date Made Active in Reports: 10/06/2011  
Number of Days to Update: 36

Source: Department of Health and Environmental Control  
Telephone: 803-896-7957  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004  
Date Data Arrived at EDR: 08/04/2004  
Date Made Active in Reports: 09/23/2004  
Number of Days to Update: 50

Source: Department of Health and Environmental Control  
Telephone: 803-898-4350  
Last EDR Contact: 12/05/2011  
Next Scheduled EDR Contact: 03/19/2012  
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 25

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/2011  
Date Data Arrived at EDR: 11/21/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 50

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011  
Date Data Arrived at EDR: 08/26/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 18

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011  
Date Data Arrived at EDR: 05/11/2011  
Date Made Active in Reports: 06/14/2011  
Number of Days to Update: 34

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Semi-Annually

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 12/14/2011  
Date Data Arrived at EDR: 12/15/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 26

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Semi-Annually

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011  
Date Data Arrived at EDR: 11/04/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 7

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011  
Date Data Arrived at EDR: 11/29/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 42

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Quarterly

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/2011  
Date Data Arrived at EDR: 11/01/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 10

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/16/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: Varies

### **State and tribal institutional control / engineering control registries**

#### RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

Date of Government Version: 09/20/2011  
Date Data Arrived at EDR: 09/22/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 15

Source: Department of Health & Environmental Control  
Telephone: 803-896-4000  
Last EDR Contact: 12/21/2011  
Next Scheduled EDR Contact: 04/02/2012  
Data Release Frequency: Varies

### **State and tribal voluntary cleanup sites**

#### VCP: Voluntary Cleanup Sites

Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 09/20/2011  
Date Data Arrived at EDR: 09/22/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 15

Source: Department of Health and Environmental Control  
Telephone: 803-896-4049  
Last EDR Contact: 12/21/2011  
Next Scheduled EDR Contact: 04/02/2012  
Data Release Frequency: Varies

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011  
Date Data Arrived at EDR: 10/04/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 38

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 01/06/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **State and tribal Brownfields sites**

### **BROWNFIELDS: Brownfields Sites Listing**

The Brownfields component of the Voluntary Cleanup Program allows a non-responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

Date of Government Version: 10/24/2011  
Date Data Arrived at EDR: 10/26/2011  
Date Made Active in Reports: 10/31/2011  
Number of Days to Update: 5

Source: Department of Health & Environmental Control  
Telephone: 803-896-4069  
Last EDR Contact: 01/03/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### **US BROWNFIELDS: A Listing of Brownfields Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011  
Date Data Arrived at EDR: 06/27/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/27/2011  
Next Scheduled EDR Contact: 04/09/2012  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### **ODI: Open Dump Inventory**

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 12/21/2011  
Next Scheduled EDR Contact: 04/09/2012  
Data Release Frequency: No Update Planned

#### **SWRCY: Solid Waste Recycling Facilities**

A listing of recycling center locations.

Date of Government Version: 11/16/2009  
Date Data Arrived at EDR: 12/23/2009  
Date Made Active in Reports: 01/27/2010  
Number of Days to Update: 35

Source: Department of Health & Environmental Control  
Telephone: 803-896-8985  
Last EDR Contact: 12/07/2011  
Next Scheduled EDR Contact: 03/19/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands  
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 11/07/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Varies

### **Local Lists of Hazardous waste / Contaminated Sites**

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011  
Date Data Arrived at EDR: 12/09/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 32

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 12/05/2011  
Next Scheduled EDR Contact: 03/19/2012  
Data Release Frequency: Quarterly

ALLSITES: Site Assessment & Remediation Public Record Database

The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 11/16/2011  
Date Data Arrived at EDR: 11/17/2011  
Date Made Active in Reports: 12/21/2011  
Number of Days to Update: 34

Source: Department of Health & Environmental Control  
Telephone: 803-896-4000  
Last EDR Contact: 12/27/2011  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

Date of Government Version: 11/21/2011  
Date Data Arrived at EDR: 01/03/2012  
Date Made Active in Reports: 01/09/2012  
Number of Days to Update: 6

Source: Department of Health & Environmental Control  
Telephone: 803-896-4288  
Last EDR Contact: 01/23/2012  
Next Scheduled EDR Contact: 05/07/2012  
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### **Local Land Records**

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 10/31/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 02/13/2012
	Data Release Frequency: Varies

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/22/2011
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/05/2012
	Data Release Frequency: Varies

### **Records of Emergency Release Reports**

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-366-4555
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 01/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Annually

#### SPILLS: Spill List

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 09/27/2011	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 09/28/2011	Telephone: 803-898-4111
Date Made Active in Reports: 10/07/2011	Last EDR Contact: 12/05/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/19/2012
	Data Release Frequency: Varies

### **Other Ascertainable Records**

#### RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/07/2011	Telephone: (404) 562-8651
Date Made Active in Reports: 08/08/2011	Last EDR Contact: 01/05/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 04/16/2012
	Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2011  
Date Data Arrived at EDR: 08/09/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/08/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/20/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: Semi-Annually

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 08/12/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 12/09/2011  
Next Scheduled EDR Contact: 03/26/2012  
Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/01/2011  
Date Data Arrived at EDR: 11/18/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 12/27/2011  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Varies

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/28/2011  
Date Data Arrived at EDR: 12/14/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 27

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 12/14/2011  
Next Scheduled EDR Contact: 03/26/2012  
Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/21/2010  
Date Made Active in Reports: 01/28/2011  
Number of Days to Update: 99

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 11/29/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Varies

### MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2011  
Date Data Arrived at EDR: 09/08/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 12/07/2011  
Next Scheduled EDR Contact: 03/19/2012  
Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 09/01/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 131

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 12/02/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Annually

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/27/2011  
Next Scheduled EDR Contact: 04/09/2012  
Data Release Frequency: Every 4 Years

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 10/31/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011  
Date Data Arrived at EDR: 11/10/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 61

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 12/21/2011  
Next Scheduled EDR Contact: 04/09/2012  
Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010  
Date Data Arrived at EDR: 11/10/2010  
Date Made Active in Reports: 02/16/2011  
Number of Days to Update: 98

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 01/20/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011  
Date Data Arrived at EDR: 07/15/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 60

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 12/12/2011  
Next Scheduled EDR Contact: 03/26/2012  
Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/11/2011  
Date Data Arrived at EDR: 01/13/2011  
Date Made Active in Reports: 02/16/2011  
Number of Days to Update: 34

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 01/12/2012  
Next Scheduled EDR Contact: 04/23/2012  
Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/02/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 119

Source: EPA  
Telephone: (404) 562-9900  
Last EDR Contact: 12/13/2011  
Next Scheduled EDR Contact: 03/26/2012  
Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 03/01/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 62

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/30/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Biennially

### GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 11/06/2008  
Date Made Active in Reports: 11/19/2008  
Number of Days to Update: 13

Source: Department of Health and Environmental Control  
Telephone: 803-898-3798  
Last EDR Contact: 01/03/2012  
Next Scheduled EDR Contact: 04/16/2012  
Data Release Frequency: Annually

### UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

Date of Government Version: 11/29/2011  
Date Data Arrived at EDR: 11/30/2011  
Date Made Active in Reports: 12/21/2011  
Number of Days to Update: 21

Source: Department of Health & Environmental Control  
Telephone: 803-898-3799  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 02/27/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritize and cleanup contaminated registered drycleaning sites.

Date of Government Version: 12/01/2010  
Date Data Arrived at EDR: 02/11/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 32

Source: Department of Health & Environmental Control  
Telephone: 803-898-3882  
Last EDR Contact: 11/11/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Varies

### NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 09/26/2011  
Date Data Arrived at EDR: 09/26/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 11

Source: Department of Health & Environmental Control  
Telephone: 803-898-4300  
Last EDR Contact: 12/23/2011  
Next Scheduled EDR Contact: 04/09/2012  
Data Release Frequency: Varies

### AIRS: Permitted Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 04/15/2011  
Date Made Active in Reports: 05/26/2011  
Number of Days to Update: 41

Source: Department of Health & Environmental Control  
Telephone: 803-898-4279  
Last EDR Contact: 12/05/2011  
Next Scheduled EDR Contact: 03/19/2012  
Data Release Frequency: Varies

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/20/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 01/23/2012  
Next Scheduled EDR Contact: 05/07/2012  
Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 07/31/2009  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 08/17/2009  
Number of Days to Update: 10

Source: Department of Health & Environmental Control  
Telephone: 803-898-3964  
Last EDR Contact: 12/23/2011  
Next Scheduled EDR Contact: 04/09/2012  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

UST financial assurance information.

Date of Government Version: 05/25/2011  
Date Data Arrived at EDR: 05/27/2011  
Date Made Active in Reports: 06/30/2011  
Number of Days to Update: 34

Source: Department of Health & Environmental Control  
Telephone: 803-898-3880  
Last EDR Contact: 12/05/2011  
Next Scheduled EDR Contact: 03/19/2012  
Data Release Frequency: Varies

### FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

Hazardous waste financial assurance information.

Date of Government Version: 09/01/2011  
Date Data Arrived at EDR: 09/01/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 36

Source: Department of Health & Environmental Control  
Telephone: 803-898-3880  
Last EDR Contact: 12/19/2011  
Next Scheduled EDR Contact: 04/02/2012  
Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/20/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: N/A

### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 01/18/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 11/04/2011  
Next Scheduled EDR Contact: 02/13/2012  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 12/08/2011  
Next Scheduled EDR Contact: 03/26/2012  
Data Release Frequency: Varies

### FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information for aolid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/21/2011  
Date Data Arrived at EDR: 09/22/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 15

Source: Department of Health & Environmental Control  
Telephone: 803-896-4067  
Last EDR Contact: 12/19/2011  
Next Scheduled EDR Contact: 04/02/2012  
Data Release Frequency: Quarterly

## **EDR PROPRIETARY RECORDS**

### ***EDR Proprietary Records***

#### **Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### **CT MANIFEST: Hazardous Waste Manifest Data**

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/21/2011  
Date Data Arrived at EDR: 11/22/2011  
Date Made Active in Reports: 12/22/2011  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/22/2011  
Next Scheduled EDR Contact: 03/05/2012  
Data Release Frequency: Annually

#### **NJ MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 07/20/2011  
Date Made Active in Reports: 08/11/2011  
Number of Days to Update: 22

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/20/2012  
Next Scheduled EDR Contact: 04/30/2012  
Data Release Frequency: Annually

#### **NY MANIFEST: Facility and Manifest Data**

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2011  
Date Data Arrived at EDR: 11/08/2011  
Date Made Active in Reports: 12/22/2011  
Number of Days to Update: 44

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/08/2011  
Next Scheduled EDR Contact: 02/20/2012  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008  
Date Data Arrived at EDR: 12/01/2009  
Date Made Active in Reports: 12/14/2009  
Number of Days to Update: 13

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/23/2012  
Next Scheduled EDR Contact: 05/07/2012  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 06/24/2011  
Date Made Active in Reports: 06/30/2011  
Number of Days to Update: 6

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/28/2011  
Next Scheduled EDR Contact: 03/12/2012  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010  
Date Data Arrived at EDR: 08/19/2011  
Date Made Active in Reports: 09/15/2011  
Number of Days to Update: 27

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/19/2011  
Next Scheduled EDR Contact: 04/02/2012  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Child Day Care List  
Source: Department of Social Services  
Telephone: 803-898-7345

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory  
Source: Department of Natural Resources  
Telephone: 803-734-9494

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

PEDIGREED 2 PROPERTY  
4TH STREET/LAURENS STREET  
HARTSVILLE, SC 29550

### **TARGET PROPERTY COORDINATES**

Latitude (North):	34.3721 - 34° 22' 19.56"
Longitude (West):	80.0702 - 80° 4' 12.72"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	585492.1
UTM Y (Meters):	3803611.0
Elevation:	214 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	34080-D1 HARTSVILLE NORTH, SC
Most Recent Revision:	1968
South Map:	34080-C1 HARTSVILLE SOUTH, SC
Most Recent Revision:	1968

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

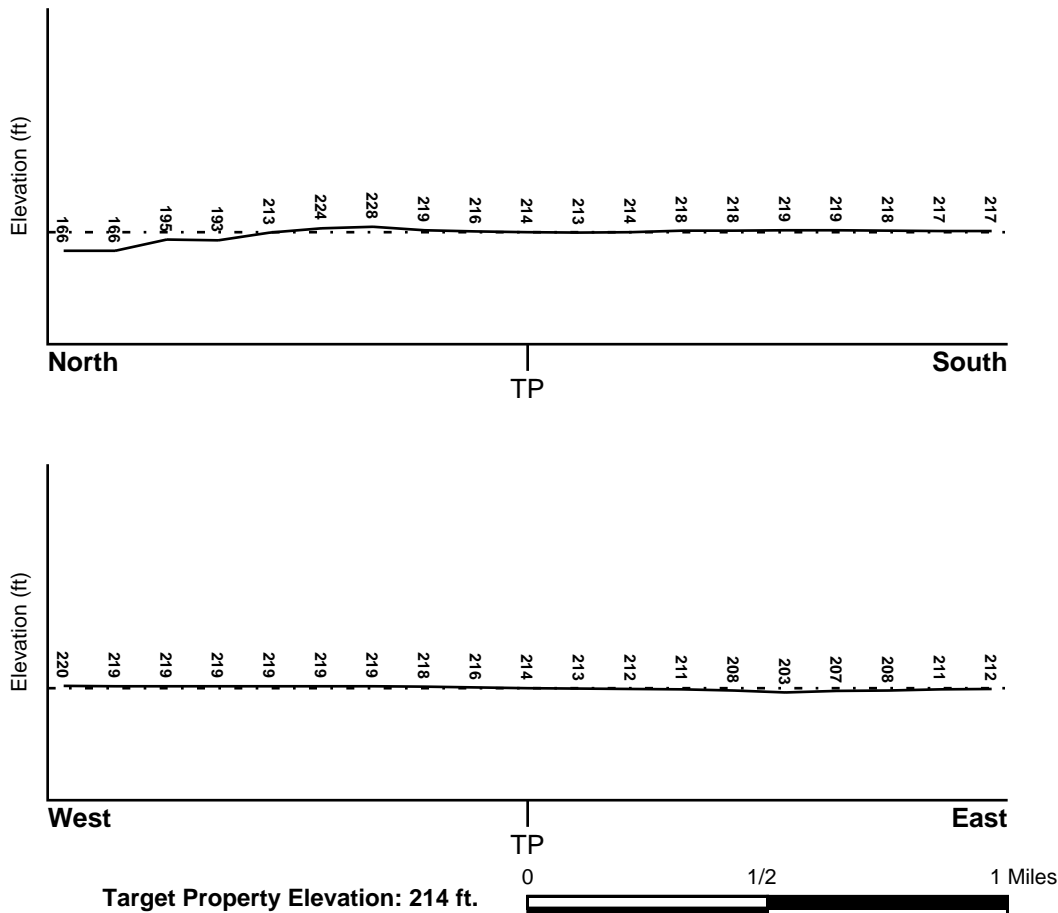
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
DARLINGTON, SC	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

### NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
HARTSVILLE SOUTH	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era: Mesozoic  
System: Cretaceous  
Series: Woodbine and Tuscaloosa Groups  
Code: uK1 (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: NOBOCO

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	13 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
2	13 inches	47 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	47 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sand  
loam  
loamy sand  
sand  
sandy loam

Surficial Soil Types: fine sand  
loam  
loamy sand  
sand  
sandy loam

Shallow Soil Types: fine sandy loam

Deeper Soil Types: sandy loam  
loamy sand  
sand  
coarse sand

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	SC1610003	1/8 - 1/4 Mile West

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

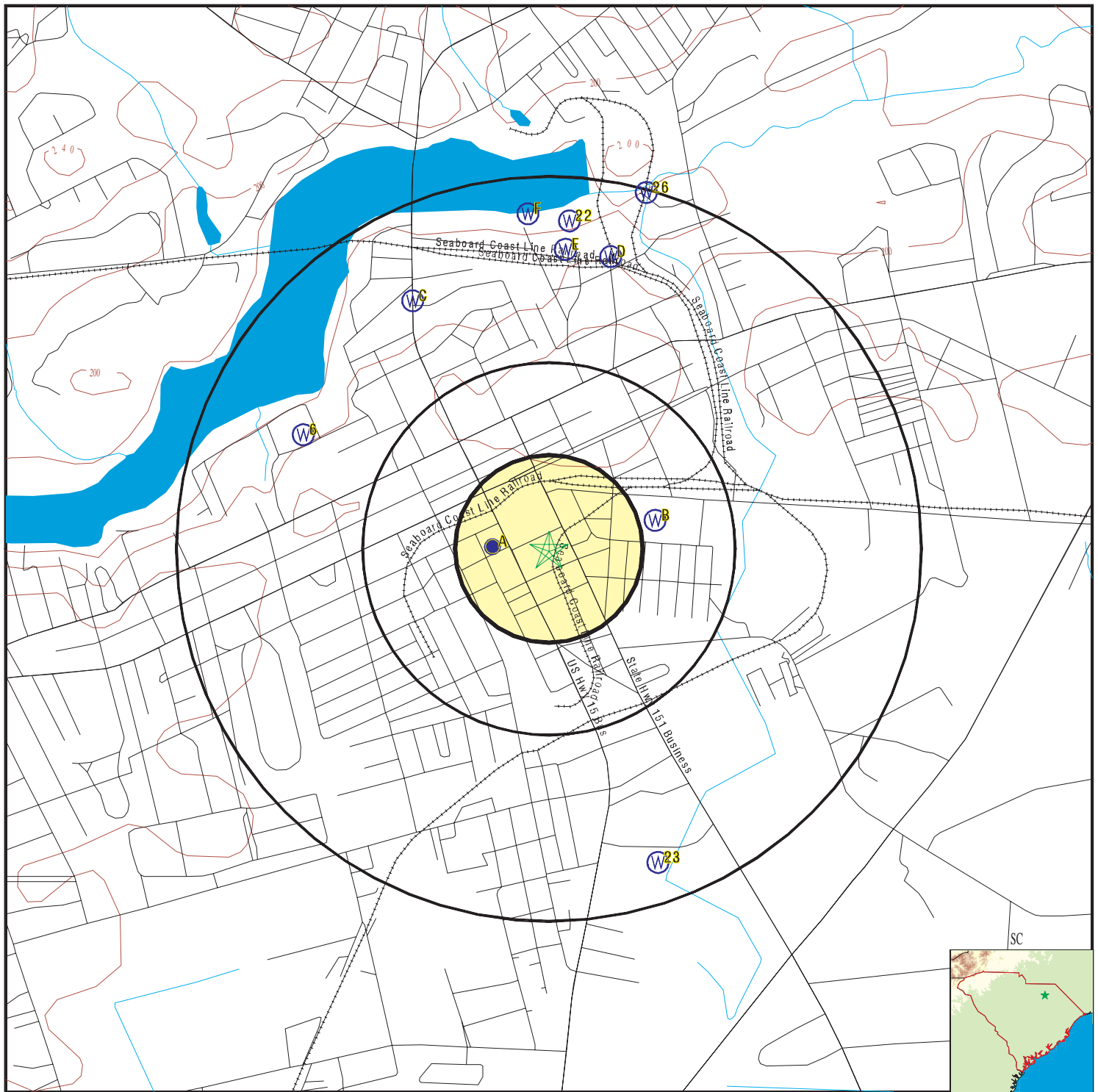
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	SCWC30000012426	1/8 - 1/4 Mile West
A3	SCWC30000012425	1/8 - 1/4 Mile West
B4	SCWC30000012433	1/4 - 1/2 Mile ENE
B5	SCWC30000012432	1/4 - 1/2 Mile ENE
6	SCWC30000012441	1/2 - 1 Mile WNW
C7	SCWC30000012444	1/2 - 1 Mile NNW
C8	SCWC30000012451	1/2 - 1 Mile NNW
C9	SCWC30000012450	1/2 - 1 Mile NNW
C10	SCWC30000012447	1/2 - 1 Mile NNW
C11	SCWC30000012446	1/2 - 1 Mile NNW
C12	SCWC30000012449	1/2 - 1 Mile NNW
C13	SCWC30000012448	1/2 - 1 Mile NNW
C14	SCWC30000012458	1/2 - 1 Mile NNW
C15	SCWC30000012452	1/2 - 1 Mile NNW
C16	SCWC30000012445	1/2 - 1 Mile NNW
D17	SCWC30000012461	1/2 - 1 Mile NNE
D18	SCWC30000012462	1/2 - 1 Mile NNE
E19	SCWC30000012465	1/2 - 1 Mile North
E20	SCWC30000012464	1/2 - 1 Mile North
E21	SCWC30000012463	1/2 - 1 Mile North

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
22	SCWC30000012467	1/2 - 1 Mile North
23	SCWC30000012403	1/2 - 1 Mile SSE
F24	SCWC30000012470	1/2 - 1 Mile North
F25	SCWC30000012469	1/2 - 1 Mile North
26	SCWC30000012471	1/2 - 1 Mile NNE

# PHYSICAL SETTING SOURCE MAP - 3244862.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: Pedigreed 2 Property  
 ADDRESS: 4th Street/Laurens Street  
 Hartsville SC 29550  
 LAT/LONG: 34.3721 / 80.0702

CLIENT: Crawford Env. Service, Inc.  
 CONTACT: Dee Obrien  
 INQUIRY #: 3244862.2s  
 DATE: January 23, 2012 4:34 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**West**  
**1/8 - 1/4 Mile**  
**Higher**

**SC WELLS      SCWC30000012426**

Conum:	DAR-36	Scgrid:	19K-o1
Latn:	342220		
Longn:	800422		
Utm e:	585255		
Utm n:	3803622		
Topo:	Hartsville South		
Elev:	218		
Owner:	City of Hartsville	Owner well:	Old 5th Street Well
Location:	Not Reported	Use:	Destroyed
Depth d:	0		
Depth c:	460		
Diam 1:	20		
Diam 2:	10	Oh cas:	Not Reported
Screen t:	225		
Screen b:	365		
Drill yr:	1951	Drill mo:	10
Yield:	810		
Yield yr:	1951	G logs:	Not Reported
D logs:	1		
P test:	0		
Chem:	Not Reported	WI:	31
WI yr:	1951	Driller:	Layne-Atlantic
Site id:	SCWC30000012426		

**A2**  
**West**  
**1/8 - 1/4 Mile**  
**Higher**

**FRDS PWS      SC1610003**

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	10146		
Facility name:	DISTRIBUTION		
Facility type:	Distribution_system_zone	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2094		
Facility name:	N. FIFTH STREET		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	10146		
Facility name:	DISTRIBUTION		
Facility type:	Distribution_system_zone	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2094		
Facility name:	N. FIFTH STREET		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

<p>Pwsid: SC1610003            State: SC            Pws name: HARTSVILLE CITY OF            Population Served: 9157            PWS Source: Groundwater            Pws type: CWS            Status: Active            Facility id: 2095            Facility name: HWY 151 BYPASS            Facility type: Well            Treatment objective: other            Contact name: WELCH, MIKE            Original name: WELCH, MIKE            Contact phone: Not Reported            Contact address2: Not Reported            Contact city: HARTSVILLE            Contact zip: 29550</p>	<p>Epa region: 04            County: Darlington            Pwssvcconn: 4224            Owner type: Local_Govt            Treatment process: fluoridation            Contact address1: PO BOX 2497</p>
<p>Pwsid: SC1610003            State: SC            Pws name: HARTSVILLE CITY OF            Population Served: 9157            PWS Source: Groundwater            Pws type: CWS            Status: Active            Facility id: 2094            Facility name: N. FIFTH STREET            Facility type: Well            Treatment objective: disinfection            Contact name: WELCH, MIKE            Original name: WELCH, MIKE            Contact phone: Not Reported            Contact address2: Not Reported            Contact city: HARTSVILLE            Contact zip: 29550</p>	<p>Epa region: 04            County: Darlington            Pwssvcconn: 4224            Owner type: Local_Govt            Treatment process: gaseous chlorination, post            Contact address1: PO BOX 2497</p>
<p>Pwsid: SC1610003            State: SC            Pws name: HARTSVILLE CITY OF            Population Served: 9157            PWS Source: Groundwater            Pws type: CWS            Status: Active            Facility id: 2095            Facility name: HWY 151 BYPASS            Facility type: Well            Treatment objective: disinfection            Contact name: WELCH, MIKE            Original name: WELCH, MIKE            Contact phone: Not Reported            Contact address2: Not Reported            Contact city: HARTSVILLE            Contact zip: 29550</p>	<p>Epa region: 04            County: Darlington            Pwssvcconn: 4224            Owner type: Local_Govt            Treatment process: gaseous chlorination, post            Contact address1: PO BOX 2497</p>

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid: SC1610003 State: SC Pws name: HARTSVILLE CITY OF Population Served: 9157 PWS Source: Groundwater Pws type: CWS Status: Active Facility id: 2094 Facility name: N. FIFTH STREET Facility type: Well Treatment objective: other Contact name: WELCH, MIKE Original name: WELCH, MIKE Contact phone: Not Reported Contact address2: Not Reported Contact city: HARTSVILLE Contact zip: 29550	Epa region: 04 County: Darlington  Pwssvconn: 4224  Owner type: Local_Govt  Treatment process: fluoridation  Contact address1: PO BOX 2497
Pwsid: SC1610003 State: SC Pws name: HARTSVILLE CITY OF Population Served: 9157 PWS Source: Groundwater Pws type: CWS Status: Active Facility id: 10146 Facility name: DISTRIBUTION Facility type: Distribution_system_zone Treatment objective: disinfection Contact name: WELCH, MIKE Original name: WELCH, MIKE Contact phone: Not Reported Contact address2: Not Reported Contact city: HARTSVILLE Contact zip: 29550	Epa region: 04 County: Darlington  Pwssvconn: 4224  Owner type: Local_Govt  Treatment process: gaseous chlorination, post  Contact address1: PO BOX 2497
Pwsid: SC1610003 State: SC Pws name: HARTSVILLE CITY OF Population Served: 9157 PWS Source: Groundwater Pws type: CWS Status: Active Facility id: 2094 Facility name: N. FIFTH STREET Facility type: Well Treatment objective: disinfection Contact name: WELCH, MIKE Original name: WELCH, MIKE Contact phone: Not Reported Contact address2: Not Reported Contact city: HARTSVILLE Contact zip: 29550	Epa region: 04 County: Darlington  Pwssvconn: 4224  Owner type: Local_Govt  Treatment process: gaseous chlorination, post  Contact address1: PO BOX 2497

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2095		
Facility name:	HWY 151 BYPASS		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2096		
Facility name:	S. FIFTH STREET		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2097		
Facility name:	CEMETARY WELL		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2098		
Facility name:	N FIFTH ST		
Facility type:	Well	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7316		
Facility name:	HWY 151 BYPASS		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7317		
Facility name:	S FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7318		
Facility name:	CEMETERY		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7319		
Facility name:	N FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	8654		
Facility name:	DARLINGTON COUNTY WATER		
Facility type:	Consecutive_connection	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2095		
Facility name:	HWY 151 BYPASS		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2096		
Facility name:	S. FIFTH STREET		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2097		
Facility name:	CEMETARY WELL		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2098		
Facility name:	N FIFTH ST		
Facility type:	Well	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7316		
Facility name:	HWY 151 BYPASS		
Facility type:	Treatment_plant	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7317		
Facility name:	S FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7318		
Facility name:	CEMETERY		
Facility type:	Treatment_plant	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7319		
Facility name:	N FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	8654		
Facility name:	DARLINGTON COUNTY WATER		
Facility type:	Consecutive_connection	Treatment process:	activated carbon, granular
Treatment objective:	disinfection by-products control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	10146		
Facility name:	DISTRIBUTION		
Facility type:	Distribution_system_zone	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2094		
Facility name:	N. FIFTH STREET		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2095		
Facility name:	HWY 151 BYPASS		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2096		
Facility name:	S. FIFTH STREET		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2097		
Facility name:	CEMETARY WELL		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2098		
Facility name:	N FIFTH ST		
Facility type:	Well	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7316		
Facility name:	HWY 151 BYPASS		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7317		
Facility name:	S FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7318		
Facility name:	CEMETERY		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7319		
Facility name:	N FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	8654		
Facility name:	DARLINGTON COUNTY WATER		
Facility type:	Consecutive_connection	Treatment process:	fluoridation
Treatment objective:	other		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	10146		
Facility name:	DISTRIBUTION		
Facility type:	Distribution_system_zone	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2094		
Facility name:	N. FIFTH STREET		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2095		
Facility name:	HWY 151 BYPASS		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvcconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2096		
Facility name:	S. FIFTH STREET		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2097		
Facility name:	CEMETARY WELL		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	2098		
Facility name:	N FIFTH ST		
Facility type:	Well	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7316		
Facility name:	HWY 151 BYPASS		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7317		
Facility name:	S FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7318		
Facility name:	CEMETERY		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	7319		
Facility name:	N FIFTH ST		
Facility type:	Treatment_plant	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pwsid:	SC1610003	Epa region:	04
State:	SC	County:	Darlington
Pws name:	HARTSVILLE CITY OF		
Population Served:	9157	Pwssvconn:	4224
PWS Source:	Groundwater		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	8654		
Facility name:	DARLINGTON COUNTY WATER		
Facility type:	Consecutive_connection	Treatment process:	ph adjustment
Treatment objective:	corrosion control		
Contact name:	WELCH, MIKE		
Original name:	WELCH, MIKE		
Contact phone:	Not Reported	Contact address1:	PO BOX 2497
Contact address2:	Not Reported		
Contact city:	HARTSVILLE		
Contact zip:	29550		

PWS ID:	SC1610003	
Date Initiated:	Not Reported	Date Deactivated: Not Reported
PWS Name:	HARTSVILLE CITY OF	
	MIKE WELCH	
	PO BOX 2497	
	HARTSVILLE, SC 29550	

Addressee / Facility:

Distribution Facility  
MIKE WELCH  
DIR. OF P.W.  
OPERATOR-PO BOX 3635  
FLORENCE, SC 29501

Facility Latitude:	34 21 50.0000	Facility Longitude:	80 5 34.0000
Facility Latitude:	34 22 19.0000	Facility Longitude:	80 4 23.0000
Facility Latitude:	34 22 53.0000	Facility Longitude:	80 4 39.0000
Facility Latitude:	34 21 14.0000	Facility Longitude:	80 6 59.0000
City Served:	Not Reported		
Treatment Class:	Treated	Population:	10240

PWS currently has or had major violation(s) or enforcement: YES

### VIOLATIONS INFORMATION:

Violation ID:	9425612	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	07/01/93	Vio. end Date:	12/31/93	Vio. Period:	006 Months
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Initial Tap Sampling for Pb and Cu				
Contaminant:	LEAD & COPPER RULE				
Vio. Awareness Date:	Not Reported				

### ENFORCEMENT INFORMATION:

System Name:	HARTSVILLE CITY OF		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1993-07-29	Enf. Action:	Fed FAO Issued

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### ENFORCEMENT INFORMATION:

System Name:	HARTSVILLE CITY OF		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1993-04-02	Enf. Action:	Fed PAO Issued
System Name:	HARTSVILLE CITY OF		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1993-06-07	Enf. Action:	Fed Public Notif Requested
System Name:	HARTSVILLE CITY OF		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1993-04-02	Enf. Action:	Fed Public Notif Requested
System Name:	HARTSVILLE CITY OF		
Violation Type:	Initial Tap Sampling for Pb and Cu		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1992-07-01 - 2015-12-31		
Violation ID:	93V0001		
Enforcement Date:	1994-03-15	Enf. Action:	Fed Compliance Achieved

### A3 West 1/8 - 1/4 Mile Higher

**SC WELLS      SCWC30000012425**

Conum:	DAR-94	Scgrid:	19K-o2
Latn:	342219		
Longn:	800424		
Utm e:	585204		
Utm n:	3803591		
Topo:	Hartsville South		
Elev:	216		
Owner:	City of Hartsville	Owner well:	Well 5
Location:	5th Street	Use:	Public Supply
Depth d:	400		
Depth c:	316		
Diam 1:	12		
Diam 2:	10	Oh cas:	Not Reported
Screen t:	214		
Screen b:	306		
Drill yr:	1976	Drill mo:	9
Yield:	1020		
Yield yr:	1976	G logs:	E, G
D logs:	1		
P test:	1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	C	WI:	35
WI yr:	1976	Driller:	Sydnor
Site id:	SCWC30000012425		

**B4  
ENE  
1/4 - 1/2 Mile  
Lower**

**SC WELLS SCWC30000012433**

Conum:	DAR-79	Scgrid:	19K-n1
Latn:	342223		
Longn:	800357		
Utm e:	585893		
Utm n:	3803721		
Topo:	Hartsville South		
Elev:	212		
Owner:	Milliken Mill	Owner well:	Not Reported
Location:	Not Reported	Use:	Industrial
Depth d:	163		
Depth c:	155		
Diam 1:	8		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	72		
Screen b:	150		
Drill yr:	1968	Drill mo:	12
Yield:	150		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	1		
P test:	0		
Chem:	C	WI:	56
WI yr:	Not Reported	Driller:	Heater Well Co.
Site id:	SCWC30000012433		

**B5  
ENE  
1/4 - 1/2 Mile  
Lower**

**SC WELLS SCWC30000012432**

Conum:	DAR-124	Scgrid:	19K-n2
Latn:	342223		
Longn:	800354		
Utm e:	585969		
Utm n:	3803721		
Topo:	Hartsville South		
Elev:	215		
Owner:	Deering Milliken Mill	Owner well:	Not Reported
Location:	Hartsville	Use:	Destroyed
Depth d:	0		
Depth c:	896		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1900	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	1		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Not Reported
Remarks:	Bedrock at 448 feet.		
Site id:	SCWC30000012432		

### 6 WNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012441

Conum:	DAR-245	Scgrid:	19K-o13
Latn:	342235		
Longn:	800455		
Utm e:	584408		
Utm n:	3804077		
Topo:	Hartsville North		
Elev:	0		
Owner:	Ed Saleeby	Owner well:	Not Reported
Location:	Hartsville	Use:	Irrigation
Depth d:	220		
Depth c:	220		
Diam 1:	4		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	180		
Screen b:	220		
Drill yr:	1987	Drill mo:	11
Yield:	55		
Yield yr:	1987	G logs:	Not Reported
D logs:	1		
P test:	0		
Chem:	Not Reported	WI:	46
WI yr:	1987	Driller:	Sutton
Site id:	SCWC30000012441		

### C7 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012444

Conum:	DAR-22	Scgrid:	19K-o3
Latn:	342252		
Longn:	800437		
Utm e:	584863		
Utm n:	3804605		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Well 2
Location:	Not Reported	Use:	Unused
Depth d:	432		
Depth c:	215		
Diam 1:	20		
Diam 2:	10	Oh cas:	Not Reported
Screen t:	175		
Screen b:	215		
Drill yr:	1941	Drill mo:	9
Yield:	810		
Yield yr:	1945	G logs:	G
D logs:	1		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem: C  
Wl yr: 1946  
Site id: SCWC30000012444

Wl: 12  
Driller: Layne-Atlantic

**C8  
NNW  
1/2 - 1 Mile  
Lower**

**SC WELLS SCWC30000012451**

Conum:	DAR-127	Scgrid:	19K-o12
Latn:	342254		
Longn:	800436		
Utm e:	584888		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Well 2
Location:	Not Reported	Use:	Observation
Depth d:	0		
Depth c:	118		
Diam 1:	12		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1971	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	C
D logs:	0		
P test:	0		
Chem:	Not Reported	Wl:	Flow
Wl yr:	1971	Driller:	Not Reported
Remarks:	Location approximated.		
Site id:	SCWC30000012451		

**C9  
NNW  
1/2 - 1 Mile  
Lower**

**SC WELLS SCWC30000012450**

Conum:	DAR-28	Scgrid:	19K-o10
Latn:	342254		
Longn:	800436		
Utm e:	584888		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	384		
Diam 1:	4		
Diam 2:	2	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	20
WI yr:	Not Reported	Driller:	Layne-Atlantic
Site id:	SCWC30000012450		

### C10 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012447

Conum:	DAR-25	Scgrid:	19K-o6
Latn:	342254		
Longn:	800436		
Utm e:	584888		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	384		
Diam 1:	4		
Diam 2:	2	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	20
WI yr:	Not Reported	Driller:	Layne-Atlantic
Site id:	SCWC30000012447		

### C11 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012446

Conum:	DAR-24	Scgrid:	19K-o5
Latn:	342254		
Longn:	800436		
Utm e:	584888		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Well 1
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	155		
Diam 1:	12		
Diam 2:	8	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	C
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem: Not Reported  
WI yr: Not Reported  
Site id: SCWC30000012446

WI: Not Reported  
Driller: Layne-Atlantic

### C12 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012449

Conum:	DAR-27	Scgrid:	19K-o9
Latn:	342254		
Longn:	800436		
Utm e:	584888		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	384		
Diam 1:	4		
Diam 2:	2	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	20
WI yr:	Not Reported	Driller:	Layne-Atlantic
Site id:	SCWC30000012449		

### C13 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012448

Conum:	DAR-26	Scgrid:	19K-o8
Latn:	342254		
Longn:	800436		
Utm e:	584888		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	384		
Diam 1:	4		
Diam 2:	2	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	20
WI yr:	Not Reported	Driller:	Layne-Atlantic
Site id:	SCWC30000012448		

### C14 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012458

Conum:	DAR-29	Scgrid:	19K-o7
Latn:	342255		
Longn:	800434		
Utm e:	584939		
Utm n:	3804698		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Not Reported
Location:	Not Reported	Use:	Observation
Depth d:	300		
Depth c:	240		
Diam 1:	4		
Diam 2:	2	Oh cas:	Not Reported
Screen t:	240		
Screen b:	300		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	12		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	C	WI:	+10
WI yr:	1946	Driller:	Layne-Atlantic
Site id:	SCWC30000012458		

### C15 NNW 1/2 - 1 Mile Lower

SC WELLS SCWC30000012452

Conum:	DAR-234	Scgrid:	19K-o11
Latn:	342254		
Longn:	800438		
Utm e:	584837		
Utm n:	3804666		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	New No. 1 Well
Location:	North Fifth Street	Use:	Public Supply
Depth d:	424		
Depth c:	220		
Diam 1:	24		
Diam 2:	12	Oh cas:	Not Reported
Screen t:	138		
Screen b:	204		
Drill yr:	1997	Drill mo:	7
Yield:	500		
Yield yr:	1998	G logs:	E, G
D logs:	1		
P test:	1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	C	WI:	3
WI yr:	1998	Driller:	McCall Brothers
Site id:	SCWC30000012452		

**C16  
NNW  
1/2 - 1 Mile  
Lower**

**SC WELLS SCWC30000012445**

Conum:	DAR-23	Scgrid:	19K-o4
Latn:	342253		
Longn:	800440		
Utm e:	584786		
Utm n:	3804635		
Topo:	Hartsville North		
Elev:	175		
Owner:	City of Hartsville	Owner well:	Not Reported
Location:	Not Reported	Use:	Public Supply
Depth d:	0		
Depth c:	185		
Diam 1:	12		
Diam 2:	8	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	+20
WI yr:	1946	Driller:	Not Reported
Site id:	SCWC30000012445		

**D17  
NNE  
1/2 - 1 Mile  
Lower**

**SC WELLS SCWC30000012461**

Conum:	DAR-13	Scgrid:	19K-f8
Latn:	342300		
Longn:	800403		
Utm e:	585729		
Utm n:	3804859		
Topo:	Hartsville North		
Elev:	180		
Owner:	Hartsville Oil Mill	Owner well:	Not Reported
Location:	Hartsville	Use:	Not Reported
Depth d:	0		
Depth c:	165		
Diam 1:	4		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem: Not Reported  
WI yr: Not Reported  
Site id: SCWC30000012461

WI: Not Reported  
Driller: Not Reported

### D18 NNE 1/2 - 1 Mile Lower

SC WELLS SCWC30000012462

Conum:	DAR-15	Scgrid:	19K-f6
Latn:	342300		
Longn:	800403		
Utm e:	585729		
Utm n:	3804859		
Topo:	Hartsville North		
Elev:	180		
Owner:	Hartsville Oil Mill	Owner well:	Not Reported
Location:	Hartsville	Use:	Industrial
Depth d:	0		
Depth c:	170		
Diam 1:	4		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	40		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	40
WI yr:	1946	Driller:	Not Reported
Site id:	SCWC30000012462		

### E19 North 1/2 - 1 Mile Lower

SC WELLS SCWC30000012465

Conum:	DAR-80	Scgrid:	19K-f1
Latn:	342301		
Longn:	800412		
Utm e:	585499		
Utm n:	3804888		
Topo:	Hartsville North		
Elev:	175		
Owner:	Sonoco Products	Owner well:	New well 1
Location:	Hartsville	Use:	Industrial
Depth d:	240		
Depth c:	239		
Diam 1:	10		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	204		
Screen b:	236		
Drill yr:	1970	Drill mo:	2
Yield:	500		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	1		
P test:	1		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	C	WI:	Flow
WI yr:	1970	Driller:	Heater Well Co.
Site id:	SCWC30000012465		

**E20**  
North  
1/2 - 1 Mile  
Lower

**SC WELLS      SCWC30000012464**

Conum:	DAR-115	Scgrid:	19K-f3
Latn:	342301		
Longn:	800411		
Utm e:	585524		
Utm n:	3804888		
Topo:	Hartsville North		
Elev:	175		
Owner:	Sonoco Products	Owner well:	Old Well 1
Location:	Hartsville	Use:	Unused
Depth d:	0		
Depth c:	190		
Diam 1:	10		
Diam 2:	8	Oh cas:	Not Reported
Screen t:	0		
Screen b:	190		
Drill yr:	1952	Drill mo:	Not Reported
Yield:	275		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Connolly
Remarks:	Questionable data.		
Site id:	SCWC30000012464		

**E21**  
North  
1/2 - 1 Mile  
Lower

**SC WELLS      SCWC30000012463**

Conum:	DAR-116	Scgrid:	19K-f4
Latn:	342301		
Longn:	800409		
Utm e:	585575		
Utm n:	3804888		
Topo:	Hartsville North		
Elev:	177		
Owner:	Sonoco Products	Owner well:	Old Well 2
Location:	Hartsville	Use:	Unused
Depth d:	0		
Depth c:	195		
Diam 1:	10		
Diam 2:	8	Oh cas:	Not Reported
Screen t:	155		
Screen b:	195		
Drill yr:	1952	Drill mo:	5
Yield:	275		
Yield yr:	1952	G logs:	Not Reported
D logs:	1		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	Flow
WI yr:	1952	Driller:	Connolly
Site id:	SCWC30000012463		

**22**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**SC WELLS      SCWC30000012467**

Conum:	DAR-16	Scgrid:	19K-f7
Latn:	342305		
Longn:	800410		
Utm e:	585549		
Utm n:	3805011		
Topo:	Hartsville North		
Elev:	175		
Owner:	Sonoco Products	Owner well:	Not Reported
Location:	Hartsville	Use:	Industrial
Depth d:	0		
Depth c:	180		
Diam 1:	4		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	0		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	WI:	Not Reported
WI yr:	Not Reported	Driller:	Garland
Remarks:	Six wells. 160' - 180' deep. Flowing wells.		
Site id:	SCWC30000012467		

**23**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**SC WELLS      SCWC30000012403**

Conum:	DAR-299	Scgrid:	19K-q4
Latn:	342135		
Longn:	800355		
Utm e:	585957		
Utm n:	3802243		
Topo:	Hartsville South		
Elev:	0		
Owner:	Robert Griggs Farm	Owner well:	Not Reported
Location:	Hartsville, 1 1/4 mile SE	Use:	Irrigation
Depth d:	185		
Depth c:	182		
Diam 1:	6		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	102		
Screen b:	182		
Drill yr:	2006	Drill mo:	3
Yield:	400		
Yield yr:	2006	G logs:	Not Reported
D logs:	1		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem:	Not Reported	WI:	11
WI yr:	2006	Driller:	AAA Well Drilling
Site id:	SCWC30000012403		

### F24 North 1/2 - 1 Mile Lower

SC WELLS SCWC30000012470

Conum:	DAR-106	Scgrid:	19K-f2
Latn:	342306		
Longn:	800416		
Utm e:	585395		
Utm n:	3805041		
Topo:	Hartsville North		
Elev:	172		
Owner:	Sonoco Products	Owner well:	Well 5
Location:	Hartsville	Use:	Industrial
Depth d:	0		
Depth c:	185		
Diam 1:	8		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	138		
Screen b:	181		
Drill yr:	1960	Drill mo:	7
Yield:	400		
Yield yr:	1960	G logs:	Not Reported
D logs:	1		
P test:	0		
Chem:	C	WI:	Flow
WI yr:	1960	Driller:	Hartsfield
Site id:	SCWC30000012470		

### F25 North 1/2 - 1 Mile Lower

SC WELLS SCWC30000012469

Conum:	DAR-227	Scgrid:	19K-f5
Latn:	342306		
Longn:	800418		
Utm e:	585344		
Utm n:	3805040		
Topo:	Hartsville North		
Elev:	160		
Owner:	Sonoco Products	Owner well:	Not Reported
Location:	Hartsville	Use:	Test hole
Depth d:	262		
Depth c:	0		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	1990	Drill mo:	7
Yield:	600		
Yield yr:	1990	G logs:	E, G
D logs:	0		
P test:	0		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chem: Not Reported  
WI yr: Not Reported  
Site id: SCWC30000012469

WI: Not Reported  
Driller: McNeill

26  
NNE  
1/2 - 1 Mile  
Lower

SC WELLS SCWC30000012471

Conum:	DAR-105	Scgrid:	19K-g3
Latn:	342309		
Longn:	800357		
Utm e:	585880		
Utm n:	3805137		
Topo:	Hartsville North		
Elev:	170		
Owner:	Sonoco Products	Owner well:	Well 4
Location:	Hartsville	Use:	Industrial
Depth d:	186		
Depth c:	163		
Diam 1:	10		
Diam 2:	8	Oh cas:	Not Reported
Screen t:	133		
Screen b:	163		
Drill yr:	1960	Drill mo:	7
Yield:	500		
Yield yr:	1960	G logs:	Not Reported
D logs:	1		
P test:	1		
Chem:	Not Reported	WI:	Flow
WI yr:	1980	Driller:	Hartsfield
Site id:	SCWC30000012471		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## RADON

### AREA RADON INFORMATION

State Database: SC Radon

#### Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29550	0.7	54	0.3	2.9	0.0

Federal EPA Radon Zone for DARLINGTON County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 29550

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.980 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.250 pCi/L	75%	25%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Natural Resources

Telephone: 803-734-6440

Water wells in the Coastal Plain counties of South Carolina

#### Water Well Database

Source: Department of Natural Resources

Telephone: 864-654-1671

A listing of water wells in the Piedmont (upstate) counties.

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: SC Radon

Source: Department of Health & Environmental Control

Telephone: 864-241-1090

Radon Test Results by Zip Code

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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**Pedigreed 2 Property  
4<sup>th</sup> Street/Laurens Street  
Hartsville, SC 29550**

**Inquiry Number: 3244862.7  
January 27, 2012**

# The EDR Environmental LienSearch™ Report



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EDR Environmental LienSearch™ Report

### TARGET PROPERTY INFORMATION

#### ADDRESS

Pedigreed 2 Property  
4<sup>th</sup> Street/Laurens Street  
Hartsville, SC 29550

#### RESEARCH SOURCE

Source 1: Darlington County Assessor

Source 2: Darlington County Clerk

### PROPERTY INFORMATION

#### **Deed 1:**

Type of Deed: Title to Real Estate  
Title is vested in: Pedigreed Properties, LLC  
Deed Dated: 01/26/2006  
Deed Recorded: 01/31/2006  
Book: 1042  
Page: 1429

**Legal Description:** See attached deed

**Legal Current Owner:** Pedigreed Properties, LLC

**Property Identifiers:** 056-1002-020

### ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☒

## **EDR Environmental LienSearch™ Report**

**DEED EXHIBIT**



Doc ID: 001206420005 Type: DEE  
Recorded: 01/31/2006 at 04:44:24 PM  
Fee Amt: \$3,526.00 Page 1 of 5  
Darlington County, SC  
Scott B. Suggs Clerk of Court

BK 1042 Pg 1429-1433

Paulling & James

**TITLE TO REAL ESTATE**

STATE OF SOUTH CAROLINA,  
COUNTY OF DARLINGTON.

Address of Grantee:  
2586 Kellytown Road  
Hartsville, SC 29550

KNOW ALL MEN BY THESE PRESENTS, that Syngenta Seeds, Inc., a corporation of the State of Delaware, successor to Northrup King Co., for and in consideration of the sum of Nine Hundred Fifty Thousand Dollars (\$950,000.00) to it in hand paid at and before the sealing of these presents by Pedigreed Properties, L.L.C., the receipt whereof is hereby acknowledged, has granted, bargained, sold and released, and by these presents does grant, bargain, sell and release unto the said Pedigreed Properties, L.L.C.:

All that certain piece, parcel, or lot of land in the City of Hartville, County of Darlington, State of South Carolina, shown as Lot A and as containing 0.346 acre on the Plat of a survey by B. P. Barber & Associates, Inc. dated September 25, 1991. By reference to said Plat the property is bounded on the north by Parking Area (now of Industrial Properties, Inc.), on which it measures 113.04 feet; on the east by South Fourth Street (S.C. Highway 151), on which it fronts and measures 133.22 feet; on the South by a 15 foot Fire & Service Access Drive, on which it measures 113.04 feet, and on the west by Lot B, on which it measures 133.22 feet.

Also: All that certain piece, parcel or lot of land in the City of Hartsville, County of Darlington, State of South Carolina, shown as Lot B and as containing 0.260 acre on the Plat of a Survey by B. P. Barber & Associates, Inc. dated September 25, 1991, which is described above. By reference to said Plat the property is bounded on the north by Parking Area (now of Industrial Properties, Inc.), on which it measures 85 feet; on the east by Lot A, on which it measures 133.22 feet; on the south by a 15 foot Fire & Service Access Drive, on which it measures 85 feet; and on the West by Lot C, on which it measures 133.22 feet.

Also: All that certain piece, parcel or lot of land in the City of Hartsville, County of Darlington, State of South Carolina, shown as Lot F and as containing 0.515 acre on the

Plat of a Survey by B. P. Barber & Associates, Inc. dated September 25, 1991, which is described above. By reference to said Plat the property is bounded on the north by Parking Area (now of Industrial Properties, Inc.), on which it measures 120 feet; on the east by Parking Area (now of Industrial Properties, Inc.), on which it measures 113 feet, and Lot D (Marion D. Hawkins), on which it measures 128.14 feet; on the south by 15 foot Fire & Service Access Drive, on which it measures 190.57 feet; and on the West by the Parking Area (now of Industrial Properties, Inc.), on which it measures 106.27 feet.

Also: All that certain piece, parcel or lot of land in the City of Hartsville, County of Darlington, State of South Carolina, shown as Lot G and as containing 0.274 acre on the Plat of a Survey by B. P. Barber & Associates, Inc. dated September 25, 1991, which is described above. By reference to said Plat the property is bounded on the north by Lot H, on which it measures 120 feet; on the east by Parking Area (now of Industrial Properties, Inc.), on which it measures 114.28 feet; on the south by Fire & Service Access Drive, on which it measures 123.69 feet; and on the West by Fire & Service Access Drive, on which it measures 84.29 feet.

Also: All that certain piece, parcel or lot of land in the City of Hartsville, County of Darlington, State of South Carolina, shown as Lot H and as containing 0.220 acre on the Plat of a Survey by B. P. Barber & Associates, Inc. dated September 25, 1991, which is described above. By reference to said Plat the property is bounded on the north by Lot I, on which it measures 120 feet; on the east by Parking Area (now of Industrial Properties, Inc.), on which it measures 80 feet; on the south by Lot G, on which it measures 120 feet; and on the West by Fire & Service Access Drive, on which it measures 80 feet.

Also: All that certain piece, parcel or lot of land in the City of Hartsville, County of Darlington, State of South Carolina, shown as Fire & Service Access Drive on the Plat of a Survey by B. P. Barber & Associates, Inc. dated September 25, 1991, which is described above. By reference to said Plat the Fire & Service Access Drive is approximately 15 feet in width (measuring 15 feet at its eastern terminus where it intersects South Fourth Street and measuring 15.51 feet at its northern terminus where it intersects Washington Street) and extends in an irregular course, bounded by Lots A, B, C, D, F, G, H, I, J, O, P, Q, R, Parking Area, and property of Nalley, et. al., all as shown on said Plat.

Also: All that certain piece, parcel or tract of land in the County of Darlington, State of South Carolina, shown as Tract 2 and to contain 44.02 acres on the Plat of a survey prepared by B. P. Barber & Associates, Inc. dated April 20, 2000. By reference to the Plat the property is bounded on the north by property of Phelix C. Byrd, on which it measures 1277.77 feet; on the northeast by property of Phelix C. Byrd, on which it measures 899.65 feet; on the east by Swift Creek Road, on which it measures 228.32 feet.

and property of Elizabeth G. Webb, on which it measures 396.97 feet; on the south by property of Coker Farms National Historic Landmark Foundation, on which it measures 1735.29 feet; and on the west by South Carolina Highway 151 (South Fourth Street), on which it measures 965.65 feet.

TOGETHER WITH the rights of ingress, egress and parking reserved by the grantor with respect to the lots (Lots A, B, F, G and H) described above under that deed from the grantor to Industrial Properties, Inc. recorded October 28, 1996, in the office of the Clerk of Court for Darlington County in Deed Book D144 at page 287.

A 1.05 acre portion of the tract last above described has been previously conveyed by the grantor to the grantee by Deed recorded July 12, 2002, in the office of the Clerk of Court for Darlington County in Book D361 at page 83 and a 1.41 acre portion has been previously conveyed by the grantor to CCC Car Wash, LLC by Deed recorded January 5, 2001 in said Clerk's Office in Book D300 at page 97.

TOGETHER with all and singular the rights, members, hereditaments and appurtenances to the said premises belonging, or in anywise incident or appertaining.

TO HAVE AND TO HOLD all and singular the said premises before mentioned unto the said Pedigreed Properties, L.L.C., its successors and assigns forever, and it does hereby bind itself and its successors and assigns to warrant and forever defend all and singular the said premises unto the said Pedigreed Properties, L.L.C., its successors and assigns, against itself and its successors and assigns.

WITNESS the hand and seal of the Corporation by its Vice President and Secretary thereunto duly authorized this 26 day of January, 2006.

Signed, sealed and delivered  
in the presence of:

CHL MUR

NISA A MUNGER

SYNGENTA SEEDS, INC. (SEAL)

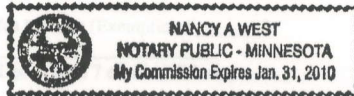
BY Edward Kesh  
its Vice-President

STATE OF MINNESOTA,  
COUNTY OF HENNEPIN.

I, Nancy A. West, do hereby certify that Syngenta Seeds, Inc. by Edward C. Resler, its Vice-President, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

WITNESS my hand and official seal this the 26<sup>th</sup> day of January, 2006.

Nancy A. West (SEAL)  
Notary Public for Minnesota  
My commission expires: Jan. 31, 2010



THIS PROPERTY DESIGNATED ON RECORD AS  
DIST 32-1 MAP 057 SECT 03 BLK 01 PARCEL 028  
DIST 32-1 MAP 056 SECT 00 BLK 01 PARCEL 002  
DIST \_\_\_\_\_ MAP \_\_\_\_\_ SECT \_\_\_\_\_ BLK \_\_\_\_\_ PARCEL \_\_\_\_\_  
D.Q.T. 01.26.2006 SPLIT FROM: \_\_\_\_\_  
RECEIVED 01.31.2006 TIME \_\_\_\_\_ OUT: \_\_\_\_\_  
E. JACK NEWSOME ASSESSOR: COUNTY OF DARLINGTON

APPENDIX D  
Historical Sources



**Pedigreed 2 Property**

4th Street/Laurens Street  
Hartsville, SC 29550

Inquiry Number: 3244862.3  
January 24, 2012

## Certified Sanborn® Map Report

## Certified Sanborn® Map Report

1/24/12

**Site Name:**

Pedigreed 2 Property  
4th Street/Laurens Street  
Hartsville, SC 29550

**Client Name:**

Crawford Env. Service, Inc.  
15 Church ave SW  
Roanoke, VA 24011



Environmental Data Resources Inc

EDR Inquiry # 3244862.3

Contact: Dee Obrien

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Crawford Env. Service, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

### Certified Sanborn Results:

**Site Name:** Pedigreed 2 Property  
**Address:** 4th Street/Laurens Street  
**City, State, Zip:** Hartsville, SC 29550  
**Cross Street:**  
**P.O. #** NA  
**Project:** NA  
**Certification #** 2B3C-4FB6-8018



Sanborn® Library search results  
Certification # 2B3C-4FB6-8018

**Maps Provided:**

1959  
1946  
1924  
1915

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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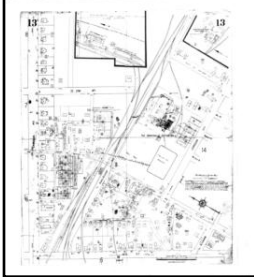
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## Sanborn Sheet Thumbnails

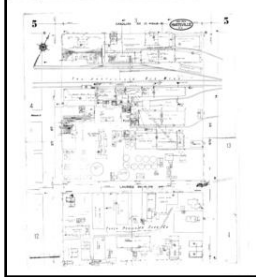
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1959 Source Sheets



Volume 1, Sheet 13

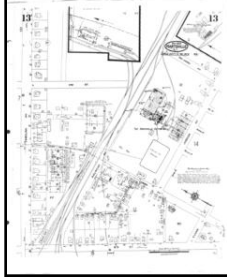


Volume 1, Sheet 5

### 1946 Source Sheets

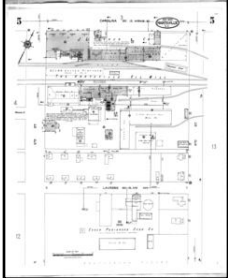


Volume 1, Sheet 5



Volume 1, Sheet 13

### 1924 Source Sheets

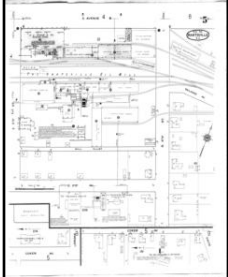


Volume 1, Sheet 5



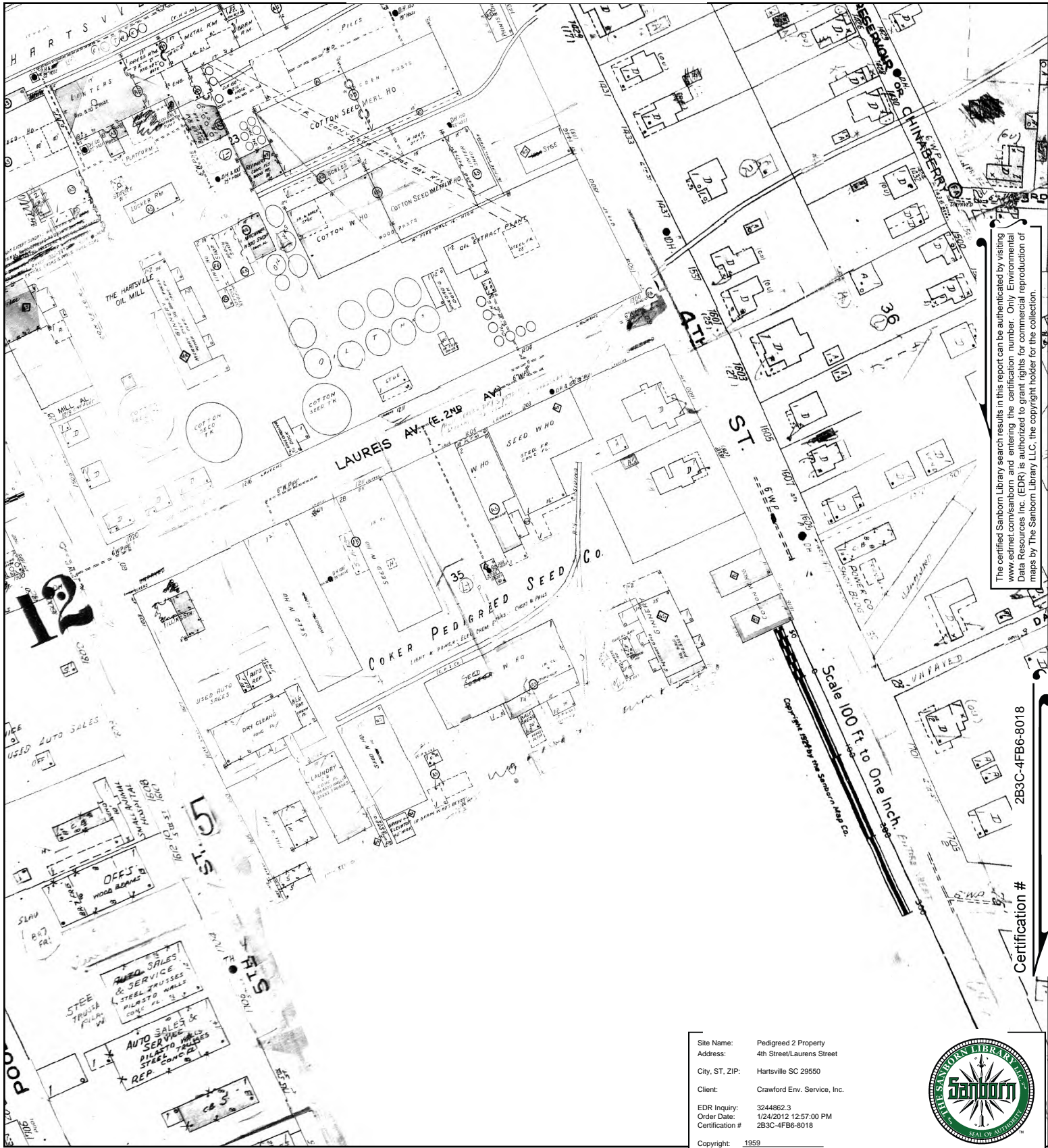
Volume 1, Sheet 13

### 1915 Source Sheets

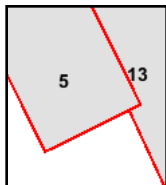
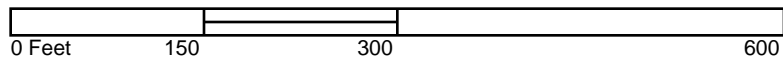


Volume 1, Sheet 5

## 1959 Certified Sanborn Map



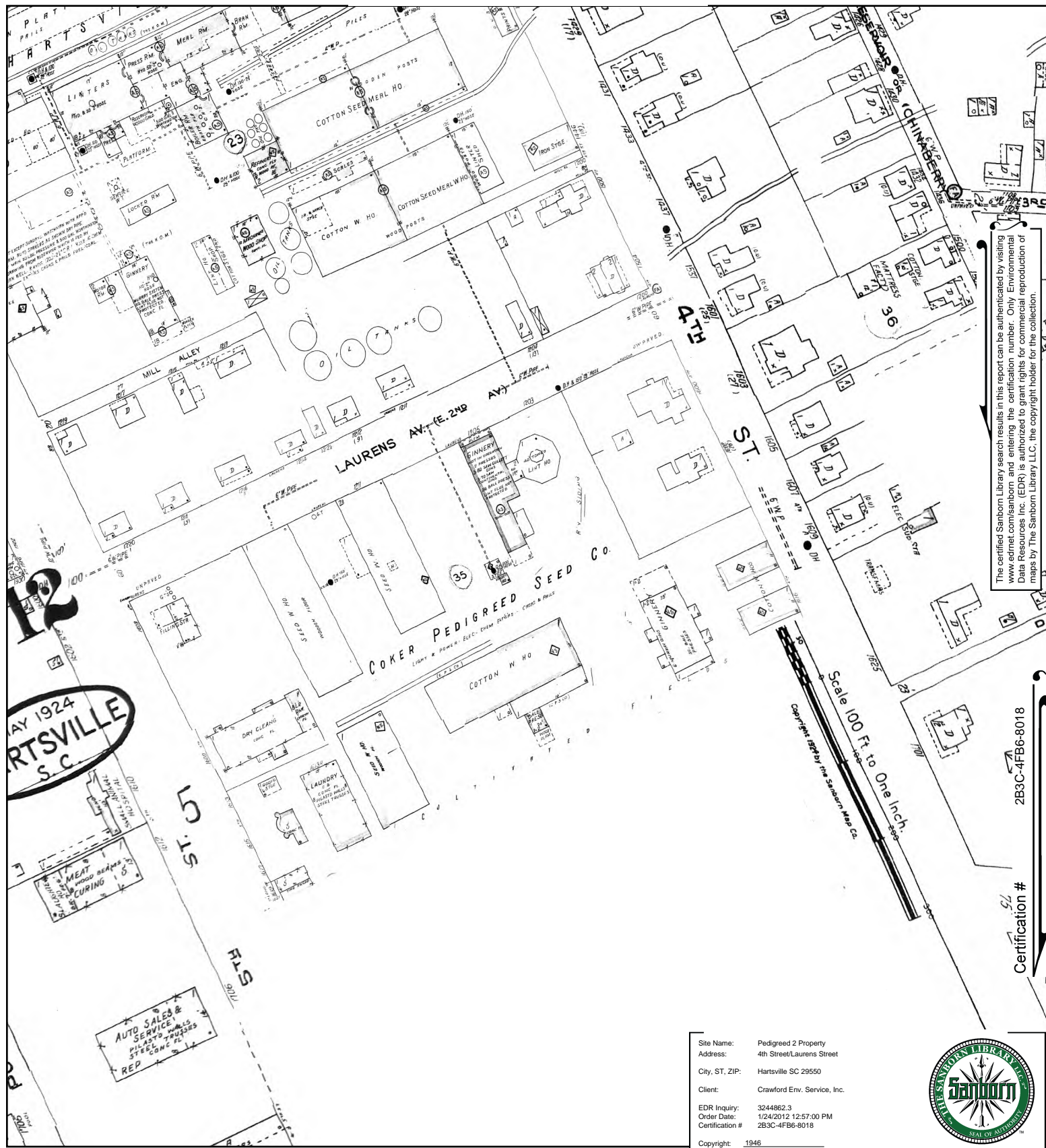
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 13  
Volume 1, Sheet 5



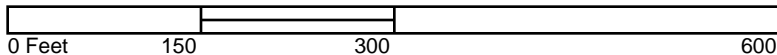
# 1946 Certified Sanborn Map



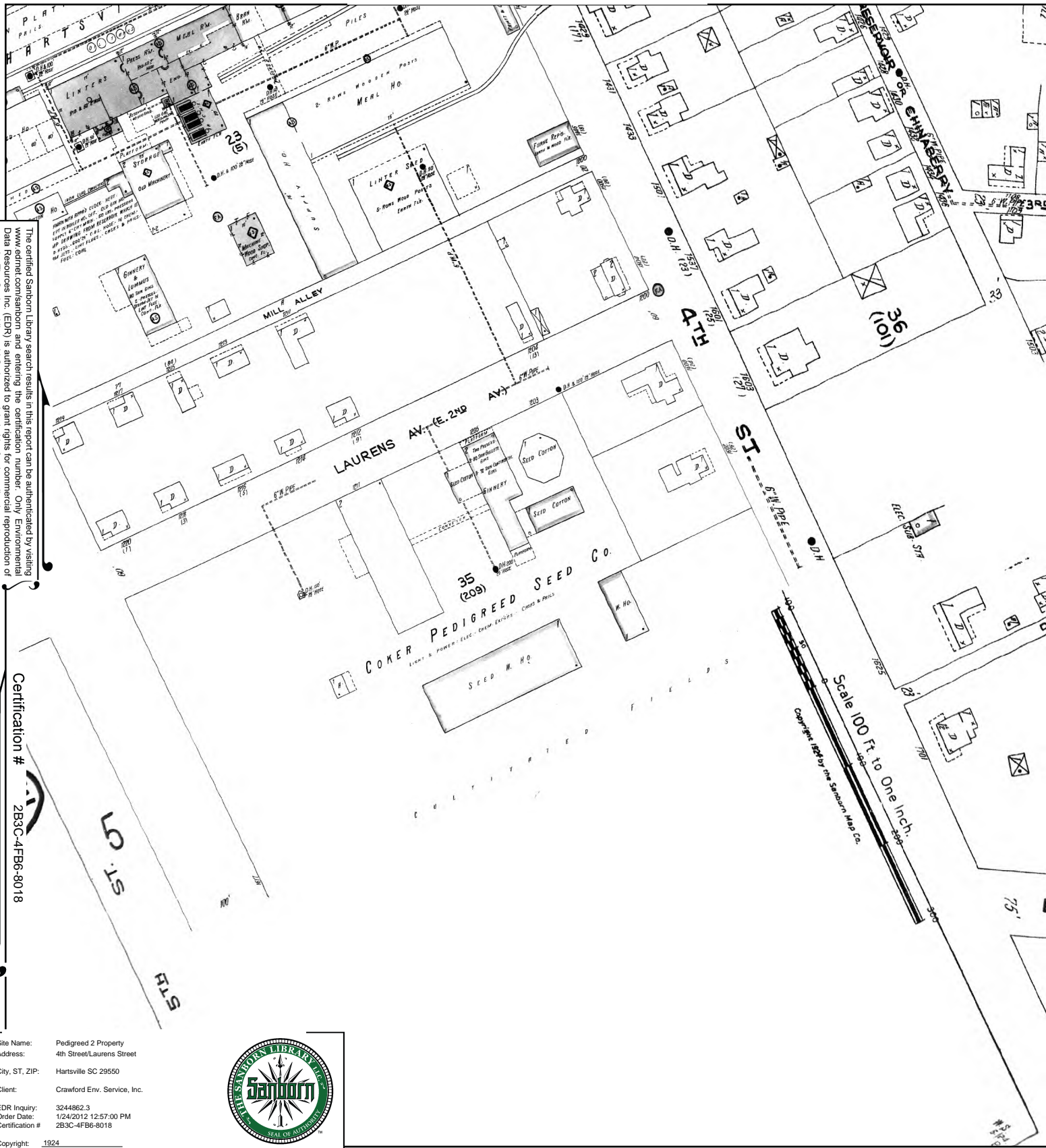
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Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5  
Volume 1, Sheet 13



# 1924 Certified Sanborn Map



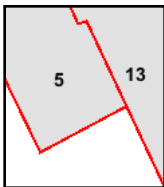
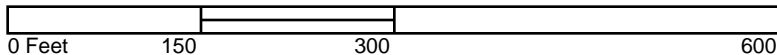
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Certification # 2B3C-4FB6-8018

Site Name: Pedigreed 2 Property  
 Address: 4th Street/Laurens Street  
 City, ST, ZIP: Hartsville SC 29550  
 Client: Crawford Env. Service, Inc.  
 EDR Inquiry: 3244862.3  
 Order Date: 1/24/2012 12:57:00 PM  
 Certification #: 2B3C-4FB6-8018  
 Copyright: 1924



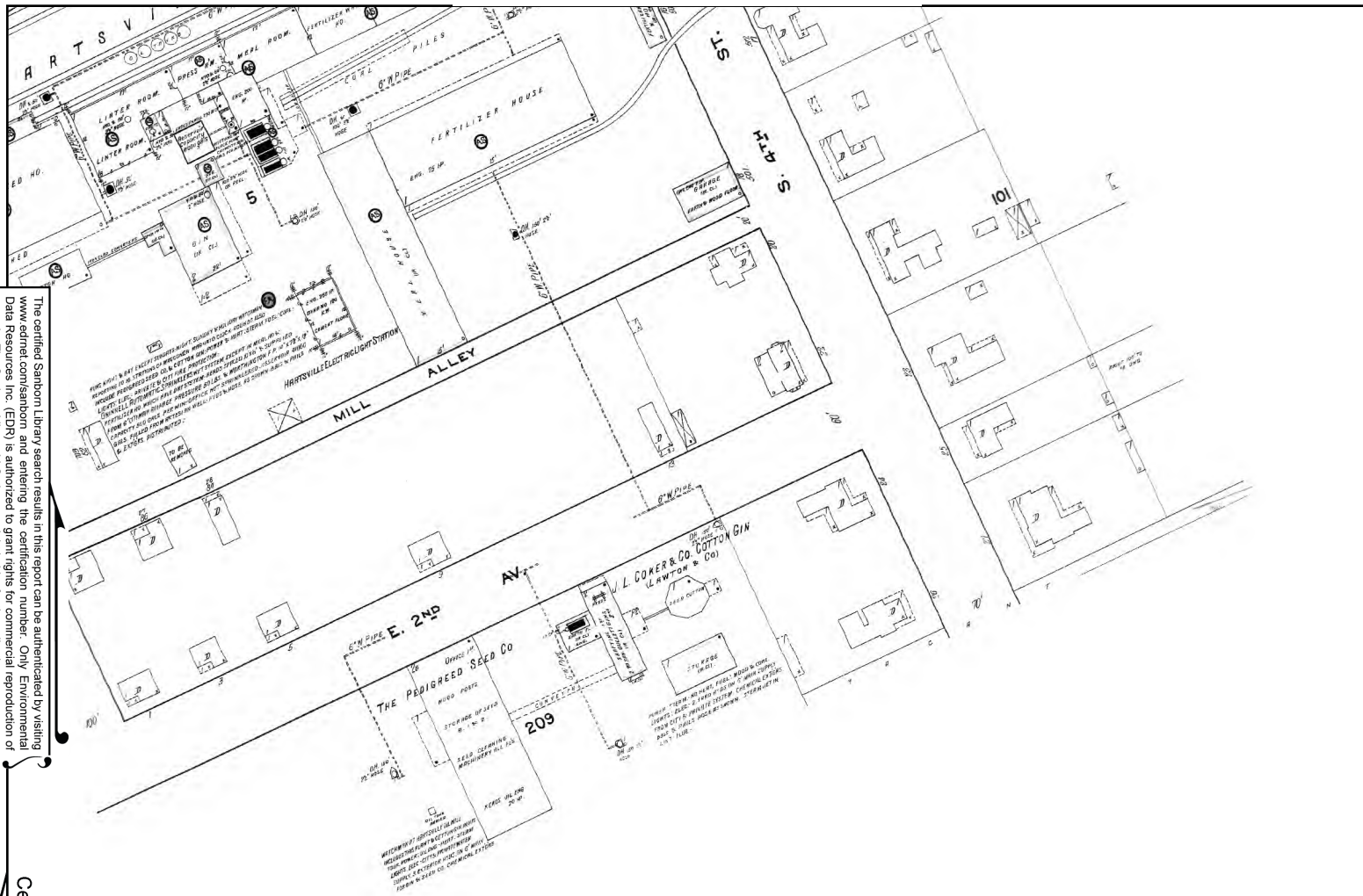
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 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5  
 Volume 1, Sheet 13



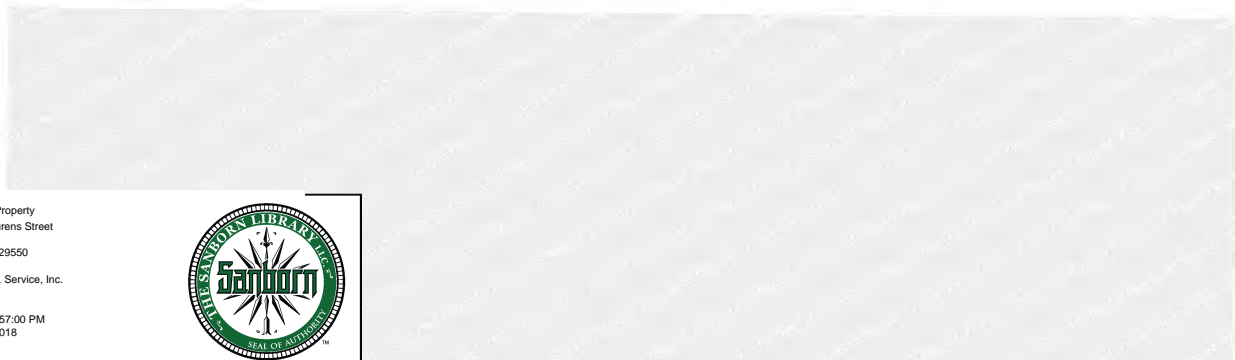
# 1915 Certified Sanborn Map



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Certification #

2B3C-4FB6-8018

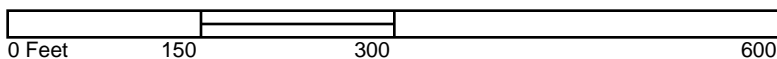


Site Name: Pedigreed 2 Property  
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Order Date: 1/24/2012 12:57:00 PM  
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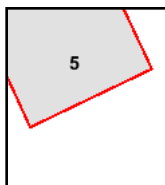


Copyright: 1915

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Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 5





**Pedigreed 2 Property**

4th Street/Laurens Street  
Hartsville, SC 29550

Inquiry Number: 3244862.4  
January 23, 2012

## EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

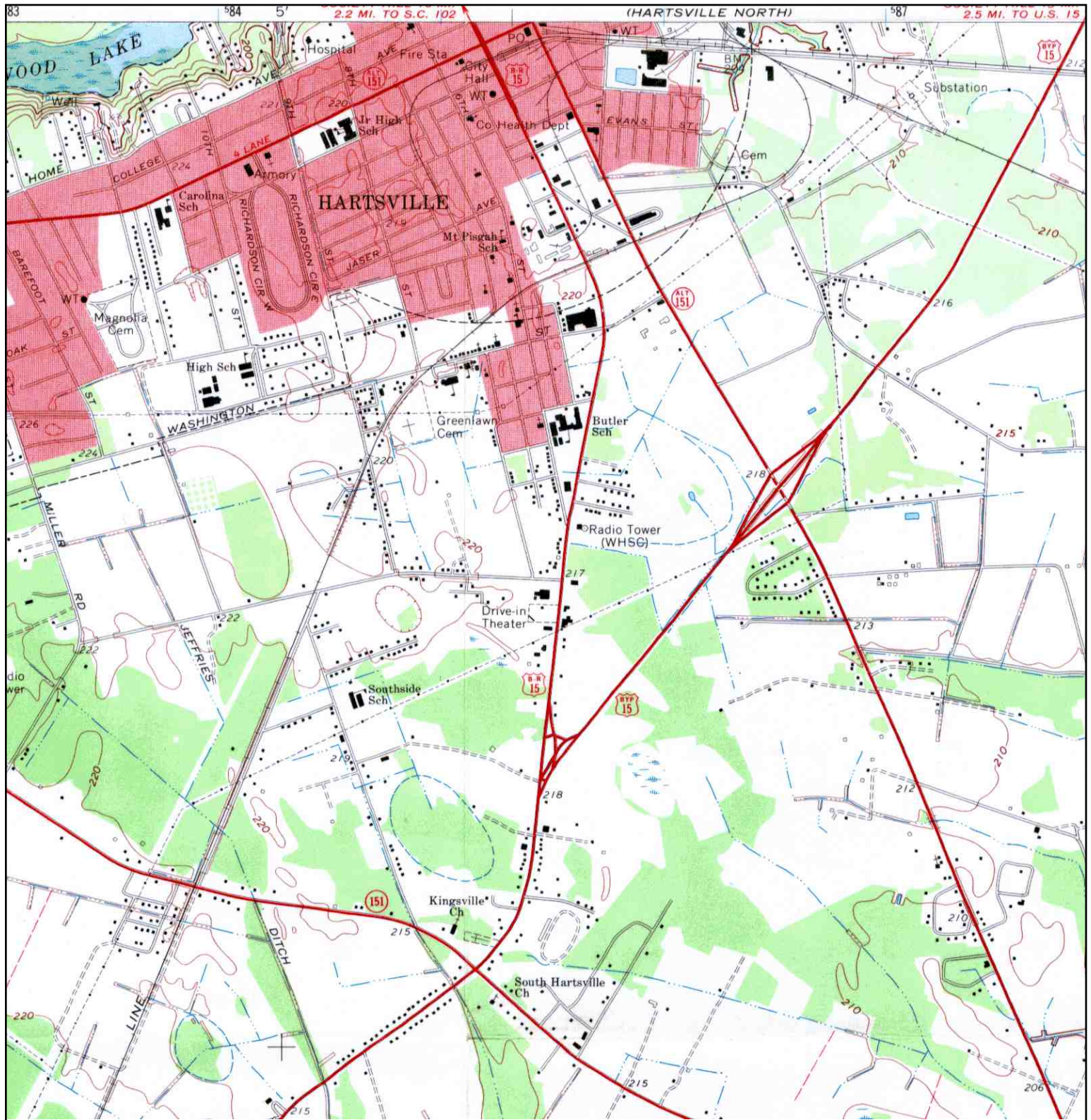
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# Historical Topographic Map



## TARGET QUAD

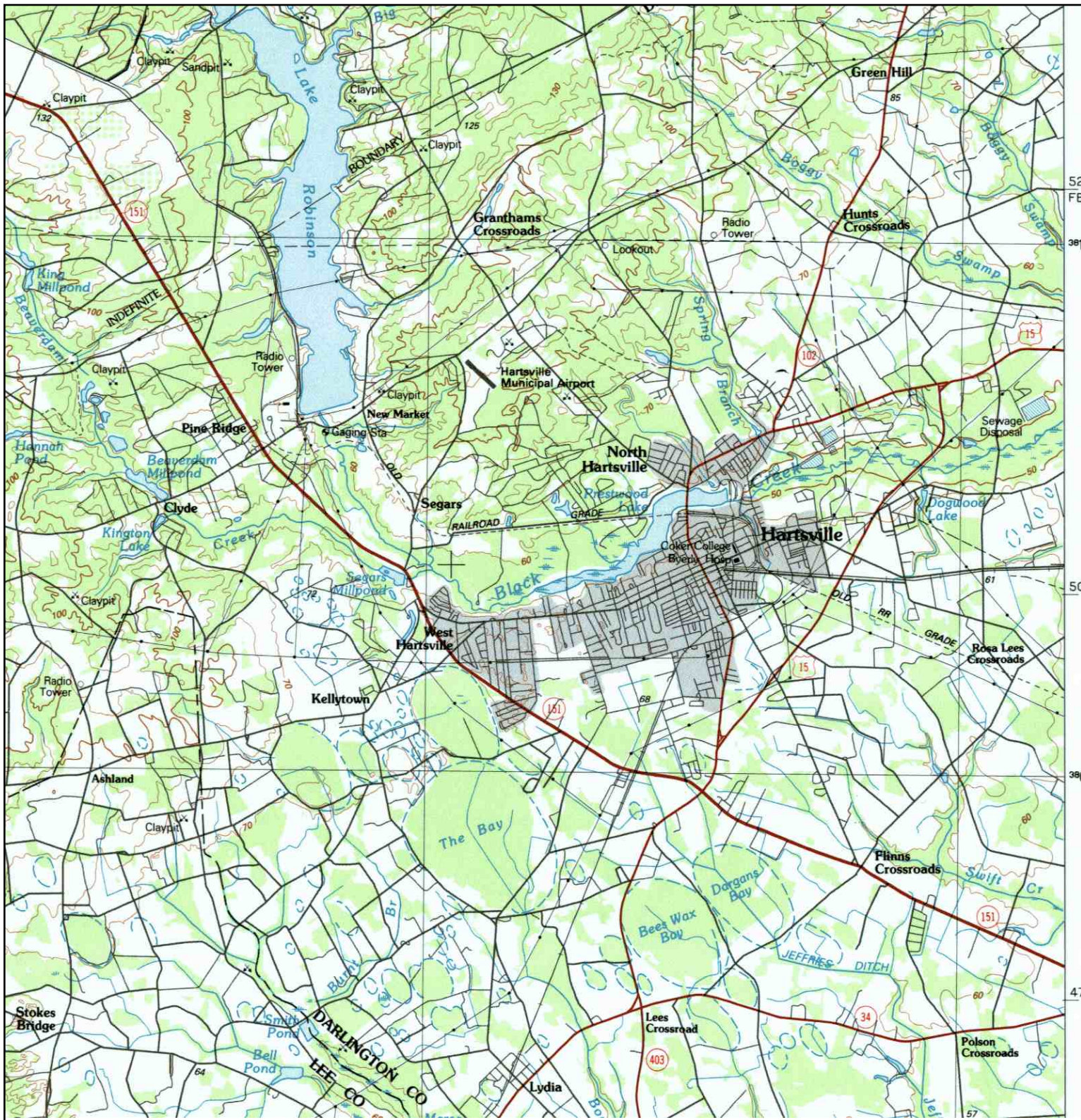
NAME: HARTSVILLE SOUTH  
MAP YEAR: 1968

SERIES: 7.5  
SCALE: 1:24000

SITE NAME: Pedigreed 2 Property  
ADDRESS: 4th Street/Laurens Street  
Hartsville, SC 29550  
LAT/LONG: 34.3721 / -80.0702

CLIENT: Crawford Env. Service, Inc.  
CONTACT: Dee Obrien  
INQUIRY#: 3244862.4  
RESEARCH DATE: 01/23/2012

## Historical Topographic Map



TARGET QUAD

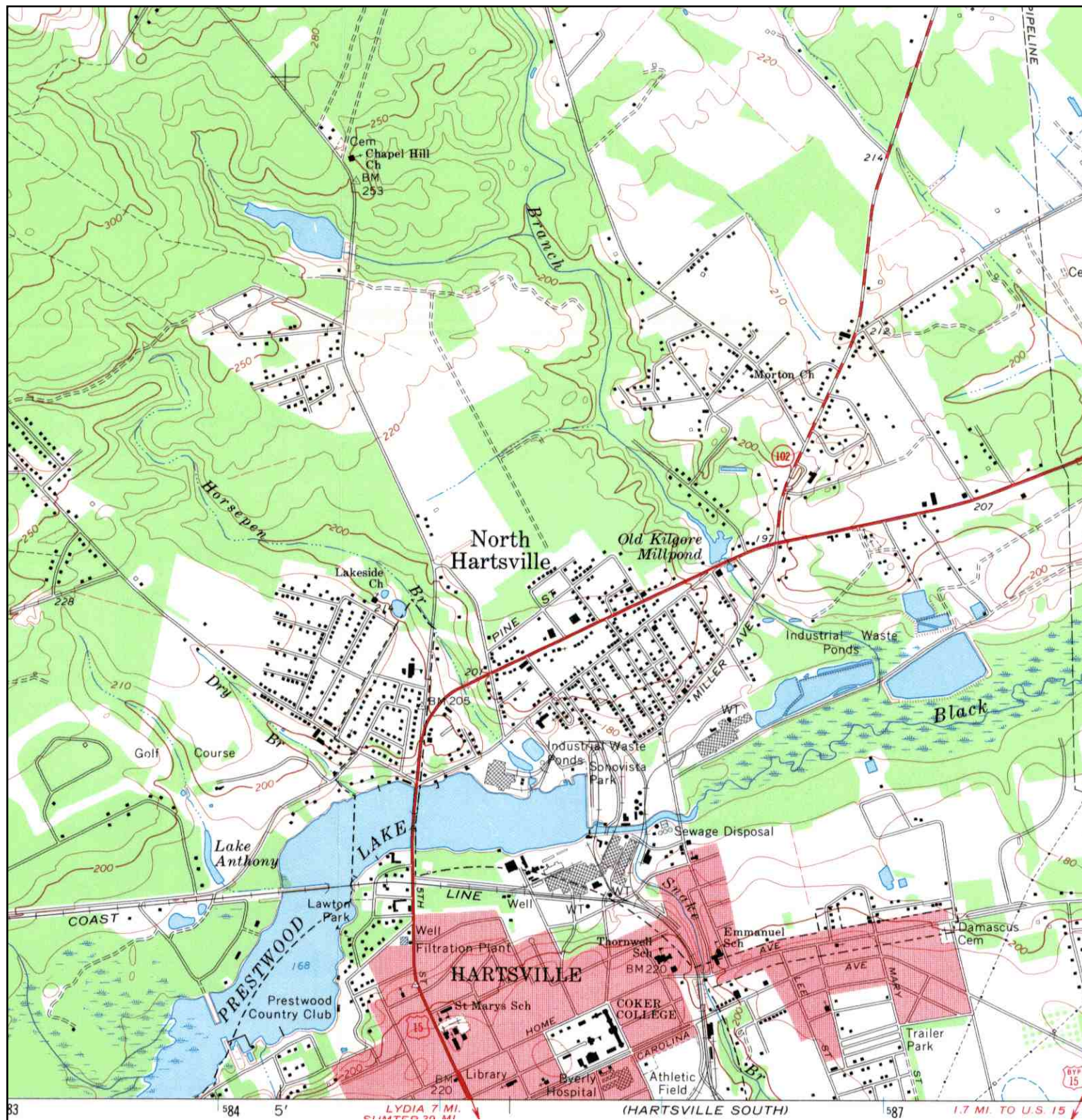
NAME: CAMDEN  
MAP YEAR: 1986

SERIES: 30  
SCALE: 1:100000

SITE NAME: Pedigreed 2 Property  
ADDRESS: 4th Street/Laurens Street  
Hartsville, SC 29550  
LAT/LONG: 34.3721 / -80.0702

CLIENT: Crawford Env. Service, Inc.  
CONTACT: Dee Obrien  
INQUIRY#: 3244862.4  
RESEARCH DATE: 01/23/2012

# Historical Topographic Map



<div data-bbox="66 1818 99 1923"> </div>	<b>ADJOINING QUAD</b>		
	<b>NAME:</b> HARTSVILLE NORTH	<b>SITE NAME:</b> Pedigreed 2 Property	<b>CLIENT:</b> Crawford Env. Service, Inc.
	<b>MAP YEAR:</b> 1968	<b>ADDRESS:</b> 4th Street/Laurens Street	<b>CONTACT:</b> Dee Obrien
		Hartsville, SC 29550	<b>INQUIRY#:</b> 3244862.4
	<b>SERIES:</b> 7.5 <b>SCALE:</b> 1:24000	<b>LAT/LONG:</b> 34.3721 / -80.0702	<b>RESEARCH DATE:</b> 01/23/2012

## APPENDIX E

### Qualifications

### E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROSPECTUS

<b>12. Name</b> Harry D. O'Brien	<b>13. Role in this Contract</b>	<b>14. Years Experience</b>	
		a. Total 25	b. With Current Firm 1.0
<b>15. Firm Name and Location (City and State)</b> Crawford Environmental Services, Inc. - Columbia, South Carolina			
<b>16. Education (Degree and Specialization)</b> B.S., Geology (University of South Carolina) M.S., Geology (University of Mississippi)		<b>17. Current Professional Registration (State and Discipline)</b> South Carolina, Geology North Carolina, Geology Tennessee, Geology	

**18. Other Professional Qualifications (Publications, Organizations, Training, Awards, etc.)**

**Training:**

HAZWOPWER 40-hour Training  
 HAZWOPER 8-hour Annual Refresher  
 LPS Safety Training  
 e-Rail Certified

**Presentations:**

D.P. Ahlfeld, L.M. Deschaine, and H.D. O'Brien. An Optimization Algorithm To Minimize The Life Cycle Cost Of Implementing An Aquifer Remediation Project – Theory And Case Example. *Society For Computer Simulation International Conference, Boston, MA., April, 1997.*

L.M. Deschaine, H.D. O'Brien, and A.R. Sheperd. An Innovative Approach For Increasing The Performance Of Ground Water Pump And Treat Remedial Strategies Using High Vacuum Extraction. *Society For Computer Simulation International Conference, Atlanta, GA, April, 1998.*

H.D. O'Brien. The Use of Fate and Transport Models to Estimate Timing of Solvent Releases – “Who Started It???”. *International Society of Environmental Forensics – Theory, Applications, and Case Studies*, in Charleston, SC, November, 2004.

### 19. Relevant Projects

(1) Title and Location (City and State)	(2) Year Completed	
<b>South Carolina Central Railroad Site</b> <b>Hartsville, South Carolina</b>	Professional Services 2004 - 2009	Construction (If applicable)
<b>a.</b> (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Project Manager for former railroad maintenance facility. Project work during the five year period included Phase I ESA, Phase II ESA, multi-media investigation including soil, sediment, surface water, and groundwater assessment. Site work was conducted via a Voluntary Clean-up Program contract between the City of Hartsville, Coker College, and the SCDHEC. The assessment work identified soil and groundwater contamination by arsenic. Project has recently culminated with the installation of a low permeability clay cap over arsenic contaminated soils in the former railroad yard. The former railroad site has now been redeveloped into a City Park and hotel. Program to date: \$500,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
(1) Title and Location (City and State)	(2) Year Completed	
<b>Phase I ESAs and Phase II ESAs</b> <b>Confidential Industrial Client</b>	Professional Services 2003-2008	Construction (If applicable)
<b>b.</b> (3) Brief Description (Brief scope, size, cost, etc.) and Specific Role Served as Project Manager for the completion of Phase I ESAs and Phase II ESAs at numerous industrial and undeveloped properties being considered for acquisition throughout the southeastern United States. Phase II ESAs would usually include the assessment of both soil and groundwater impacts. Program total budget: \$500,000.	<input type="checkbox"/>	Check if project performed with current firm

### E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS PROSPECTUS

	(1) Title and Location ( <i>City and State</i> ) <b>Phase I ESAs and Phase III ESAs with EH&amp;S Compliance Reviews for a Confidential Industrial Client</b>	(2) Year Completed <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Professional Services</td> <td style="width: 50%;">Construction (<i>If applicable</i>)</td> </tr> <tr> <td style="text-align: center;">2006 - 2008</td> <td></td> </tr> </table>		Professional Services	Construction ( <i>If applicable</i> )	2006 - 2008	
Professional Services	Construction ( <i>If applicable</i> )						
2006 - 2008							
c.	(3) Brief Description ( <i>Brief scope, size, cost, etc.</i> ) and Specific Role Regional coordinator and Project Manager for the completion of 20 Phase I Environmental Site Assessments each with a Phase II Site Assessment and an EH&S Compliance Review. Typically, each project would include the development of engineering cost estimates at properties being considered for acquisition throughout the southeastern United States. Program total: \$500,000.	<input type="checkbox"/>	Check if project performed with current firm				
	(1) Title and Location ( <i>City and State</i> ) <b>Groundwater and Soil Remediation of Petroleum Bulk Terminal Belmont, North Carolina.</b>						
		(2) Year Completed <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Professional Services</td> <td style="width: 50%;">Construction (<i>If applicable</i>)</td> </tr> <tr> <td style="text-align: center;">2005 - 2008</td> <td></td> </tr> </table>		Professional Services	Construction ( <i>If applicable</i> )	2005 - 2008	
Professional Services	Construction ( <i>If applicable</i> )						
2005 - 2008							
d.	(3) Brief Description ( <i>Brief scope, size, cost, etc.</i> ) and Specific Role Project Manager directing installation and operation of multi-phase extraction (MPE) system at a former Petroleum Bulk Terminal. After the completion of excavation activities in the source area, the MPE system was installed which included four extraction wells. The MPE system was recently turned off after successfully reaching NCDENR Gross Contaminant Levels (GCLs) for soil and groundwater in just one year of operation. The project is currently in post-remediation monitoring. Project budget: \$250,000.	<input type="checkbox"/>	Check if project performed with current firm				
	(1) Title and Location ( <i>City and State</i> ) <b>Remedial Investigation/Feasibility Study – AHA Site Williston, South Carolina</b>						
		(2) Year Completed <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Professional Services</td> <td style="width: 50%;">Construction (<i>If applicable</i>)</td> </tr> <tr> <td style="text-align: center;">2003 - 2008</td> <td></td> </tr> </table>		Professional Services	Construction ( <i>If applicable</i> )	2003 - 2008	
Professional Services	Construction ( <i>If applicable</i> )						
2003 - 2008							
e.	(3) Brief Description ( <i>Brief scope, size, cost, etc.</i> ) and Specific Role Remedial Investigation Field Manager for preparation and implementation of RI/FS work plan for an industrial client in South Carolina. Area of investigation included approximately 2 miles of stream and pond potentially impacted by metals and groundwater impacted by chlorinated solvents. Project work included the preparation of an RI/FS work plan, planning and coordination of multiple phases of field investigation. Coordinated and managed multiple company and subcontractor field crews during performance of investigative activities. Field activities included collection of over 700 soil, surface water, sediment, and groundwater samples. Investigation resulted in the location of the source and delineation of the extent of chlorinated solvents in groundwater beneath the site. Delineated extent of metals impacted hydric soil and sediment in wetlands southeast of the Site. Prepared RI Report for project and negotiated revisions to report for acceptance by EPA. Project to date budget: \$1,500,000	<input type="checkbox"/>	Check if project performed with current firm				